

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049401.D
 Acq On : 27 Jun 2022 12:57
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 13:16:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 13:11:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	175493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	297970	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	283543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	149677	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	397441	145.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.180%#			
35) Dibromofluoromethane	5.289	113	303611	143.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 287.200%#			
50) Toluene-d8	7.899	98	1111197	147.433	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 294.860%#			
62) 4-Bromofluorobenzene	10.636	95	447368	152.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 305.900%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	443667	148.572	ug/l	98
3) Chloromethane	1.520	50	505844	147.793	ug/l	98
4) Vinyl Chloride	1.601	62	439757	149.194	ug/l	100
5) Bromomethane	1.845	94	132021	162.216	ug/l	98
6) Chloroethane	1.913	64	200926	172.906	ug/l	99
7) Trichlorofluoromethane	2.125	101	547174	148.946	ug/l	98
8) Diethyl Ether	2.372	74	194167	154.305	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.572	101	297944	148.322	ug/l	93
10) Methyl Iodide	2.716	142	329646	220.341	ug/l	92
11) Tert butyl alcohol	3.247	59	541339m	938.867	ug/l	
12) 1,1-Dichloroethene	2.572	96	285200	150.441	ug/l	88
13) Acrolein	2.485	56	313124	768.769	ug/l	99
14) Allyl chloride	2.916	41	592934	155.155	ug/l #	88
15) Acrylonitrile	3.311	53	1154685	773.541	ug/l	99
16) Acetone	2.630	43	942934	765.052	ug/l	97
17) Carbon Disulfide	2.784	76	869209	152.924	ug/l	99
18) Methyl Acetate	2.945	43	531558	151.807	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	1071495	152.197	ug/l	97
20) Methylene Chloride	3.041	84	338469	148.972	ug/l #	86
21) trans-1,2-Dichloroethene	3.347	96	303494	147.957	ug/l	91
22) Diisopropyl ether	3.993	45	1100298	148.504	ug/l #	67
23) Vinyl Acetate	3.954	43	5062612	771.243	ug/l #	93
24) 1,1-Dichloroethane	3.864	63	619122	147.387	ug/l	98
25) 2-Butanone	4.703	43	1576967	813.129	ug/l	92
26) 2,2-Dichloropropane	4.662	77	525701	148.911	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	359826	152.502	ug/l	88
28) Bromochloromethane	4.974	49	273199	144.538	ug/l #	74
29) Tetrahydrofuran	5.051	42	1036744	773.936	ug/l	86
30) Chloroform	5.089	83	607980	147.855	ug/l	98
31) Cyclohexane	5.385	56	578924	145.293	ug/l	88
32) 1,1,1-Trichloroethane	5.314	97	547256	146.076	ug/l	99
36) 1,1-Dichloropropene	5.523	75	458662	149.936	ug/l	96
37) Ethyl Acetate	4.803	43	602551	134.566	ug/l	96
38) Carbon Tetrachloride	5.523	117	478729	146.886	ug/l	99
39) Methylcyclohexane	6.761	83	575346	149.485	ug/l	91
40) Benzene	5.774	78	1343531	146.745	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049401.D
 Acq On : 27 Jun 2022 12:57
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 13:16:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 13:11:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	317676	156.496	ug/l	88
42) 1,2-Dichloroethane	5.793	62	503108	145.907	ug/l	97
43) Isopropyl Acetate	5.912	43	924923	154.102	ug/l	95
44) Trichloroethene	6.543	130	324674	149.948	ug/l	87
45) 1,2-Dichloropropane	6.790	63	370813	148.467	ug/l	100
46) Dibromomethane	6.919	93	251958	147.059	ug/l	89
47) Bromodichloromethane	7.105	83	496690	150.932	ug/l	99
48) Methyl methacrylate	6.961	41	443970	155.355	ug/l	86
49) 1,4-Dioxane	6.983	88	212850	3126.329	ug/l #	1
51) 4-Methyl-2-Pentanone	7.797	43	3081102	755.890	ug/l	94
52) Toluene	7.970	92	823583	151.465	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	567089	157.430	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	594512	153.728	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	331922	143.896	ug/l	97
56) Ethyl methacrylate	8.337	69	600724	151.415	ug/l	90
57) 1,3-Dichloropropane	8.578	76	595302	148.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	229171	709.028	ug/l	93
59) 2-Hexanone	8.690	43	2439473	775.535	ug/l	94
60) Dibromochloromethane	8.813	129	370379	149.779	ug/l	99
61) 1,2-Dibromoethane	8.925	107	368531	151.099	ug/l	99
64) Tetrachloroethene	8.555	164	263494	145.787	ug/l	93
65) Chlorobenzene	9.449	112	856619	149.307	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	330099	147.474	ug/l	98
67) Ethyl Benzene	9.571	91	1639802	152.772	ug/l	95
68) m/p-Xylenes	9.697	106	1206141	303.264	ug/l	88
69) o-Xylene	10.102	106	588429	147.849	ug/l	86
70) Styrene	10.115	104	1005836	151.905	ug/l	95
71) Bromoform	10.295	173	300901	153.504	ug/l #	99
73) Isopropylbenzene	10.485	105	1584189	140.846	ug/l	96
74) N-amyl acetate	10.321	43	853273	148.467	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.787	83	637805	141.019	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	748544	146.245	ug/l	99
77) Bromobenzene	10.784	156	366296	140.225	ug/l	81
78) n-propylbenzene	10.906	91	1979390	145.480	ug/l	95
79) 2-Chlorotoluene	10.986	91	1163091	141.807	ug/l	91
80) 1,3,5-Trimethylbenzene	11.089	105	1394119	142.623	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.549	75	220296	155.651	ug/l	94
82) 4-Chlorotoluene	11.099	91	1344448	144.498	ug/l	92
83) tert-Butylbenzene	11.423	119	1370672	141.547	ug/l	92
84) 1,2,4-Trimethylbenzene	11.468	105	1405792	144.118	ug/l	94
85) sec-Butylbenzene	11.645	105	1771629	144.317	ug/l	96
86) p-Isopropyltoluene	11.793	119	1457361	146.885	ug/l	95
87) 1,3-Dichlorobenzene	11.748	146	722671	146.692	ug/l	97
88) 1,4-Dichlorobenzene	11.838	146	721150	149.420	ug/l	96
89) n-Butylbenzene	12.208	91	1399593	162.438	ug/l	98
90) Hexachloroethane	12.478	117	284091	147.461	ug/l	82
91) 1,2-Dichlorobenzene	12.214	146	729151	146.494	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	180126	157.754	ug/l	79
93) 1,2,4-Trichlorobenzene	13.841	180	522120	165.506	ug/l	97
94) Hexachlorobutadiene	14.021	225	239046	149.617	ug/l	99
95) Naphthalene	14.086	128	1818816	166.414	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	530577	159.112	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
Data File : VU049401.D
Acq On : 27 Jun 2022 12:57
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/28/2022
Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 13:16:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 27 13:11:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
Data File : VU049401.D
Acq On : 27 Jun 2022 12:57
Operator : SY/MD
Sample : VSTDIC150
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 13:16:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 27 13:11:57 2022
Response via : Initial Calibration

