

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048674.D
 Acq On : 26 May 2022 12:10
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: May 27 05:36:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	233796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	381737	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	369536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	207881	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.700	65	516039	146.971	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 293.940%#	
35) Dibromofluoromethane	5.288	113	400613	147.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 294.200%#	
50) Toluene-d8	7.899	98	1467308	150.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 300.600%#	
62) 4-Bromofluorobenzene	10.632	95	600766	162.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 325.440%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	384295	143.584	ug/l	97
3) Chloromethane	1.520	50	471997	136.992	ug/l	98
4) Vinyl Chloride	1.604	62	473688	148.439	ug/l	98
5) Bromomethane	1.851	94	254659	127.887	ug/l	100
6) Chloroethane	1.922	64	245536	123.504	ug/l	99
7) Trichlorofluoromethane	2.131	101	663743	145.637	ug/l	98
8) Diethyl Ether	2.375	74	256686	152.622	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	354568	142.126	ug/l	100
10) Methyl Iodide	2.719	142	574283	174.553	ug/l	98
11) Tert butyl alcohol	3.195	59	677957m	1484.541	ug/l	
12) 1,1-Dichloroethene	2.578	96	350783	147.415	ug/l	98
13) Acrolein	2.485	56	223229	650.439	ug/l	99
14) Allyl chloride	2.922	41	676944	146.878	ug/l	99
15) Acrylonitrile	3.314	53	1498285	776.057	ug/l	99
16) Acetone	2.629	43	1236029	690.757	ug/l	100
17) Carbon Disulfide	2.790	76	958461	137.978	ug/l	99
18) Methyl Acetate	2.948	43	644546	143.466	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	1380940	152.947	ug/l	100
20) Methylene Chloride	3.044	84	424884	139.633	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	384157	141.134	ug/l	96
22) Diisopropyl ether	3.993	45	1315445	154.729	ug/l	94
23) Vinyl Acetate	3.954	43	6051974	821.625	ug/l	100
24) 1,1-Dichloroethane	3.867	63	787230	147.438	ug/l	99
25) 2-Butanone	4.703	43	2039553	793.412	ug/l	99
26) 2,2-Dichloropropane	4.665	77	700518	146.239	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	464239	147.349	ug/l	99
28) Bromochloromethane	4.973	49	319526	152.568	ug/l	100
29) Tetrahydrofuran	5.050	42	1287782	782.623	ug/l	100
30) Chloroform	5.089	83	784847	146.906	ug/l	99
31) Cyclohexane	5.388	56	653620	147.715	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	715242	147.564	ug/l	99
36) 1,1-Dichloropropene	5.526	75	580247	145.983	ug/l	100
37) Ethyl Acetate	4.803	43	747610	144.284	ug/l	99
38) Carbon Tetrachloride	5.523	117	637709	139.846	ug/l	98
39) Methylcyclohexane	6.761	83	665026	159.569	ug/l	99
40) Benzene	5.774	78	1671753	142.463	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048674.D
 Acq On : 26 May 2022 12:10
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: May 27 05:36:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	400482	157.719	ug/l	99
42) 1,2-Dichloroethane	5.793	62	648483	141.173	ug/l	100
43) Isopropyl Acetate	5.909	43	1125918	154.381	ug/l	100
44) Trichloroethene	6.542	130	434346	143.670	ug/l	99
45) 1,2-Dichloropropane	6.790	63	467984	158.412	ug/l	99
46) Dibromomethane	6.919	93	326174	147.782	ug/l	99
47) Bromodichloromethane	7.105	83	647861	145.149	ug/l	98
48) Methyl methacrylate	6.960	41	540759	165.167	ug/l	99
49) 1,4-Dioxane	6.996	88	238931	3264.587	ug/l #	92
51) 4-Methyl-2-Pentanone	7.796	43	3933870	830.709	ug/l	100
52) Toluene	7.970	92	1075313	153.199	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	764524	158.787	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	789427	158.226	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	448499	144.781	ug/l	98
56) Ethyl methacrylate	8.333	69	776244	179.527	ug/l	99
57) 1,3-Dichloropropane	8.574	76	779084	149.429	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	932421	1101.889	ug/l	99
59) 2-Hexanone	8.690	43	3172117	815.925	ug/l	100
60) Dibromochloromethane	8.812	129	531323	153.011	ug/l	100
61) 1,2-Dibromoethane	8.925	107	503512	147.590	ug/l	99
64) Tetrachloroethene	8.555	164	376599	132.623	ug/l	98
65) Chlorobenzene	9.446	112	1177532	150.662	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	463567	156.259	ug/l	97
67) Ethyl Benzene	9.571	91	2130827	161.647	ug/l	100
68) m/p-Xylenes	9.693	106	1661197	322.211	ug/l	100
69) o-Xylene	10.102	106	827052	163.282	ug/l	99
70) Styrene	10.115	104	1421534	170.624	ug/l	100
71) Bromoform	10.291	173	460603	167.923	ug/l #	99
73) Isopropylbenzene	10.484	105	2149465	160.160	ug/l	99
74) N-amyl acetate	10.320	43	1066125	183.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	843787	154.066	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	1040952	181.792	ug/l	97
77) Bromobenzene	10.783	156	550565	152.753	ug/l	100
78) n-propylbenzene	10.906	91	2607559	163.055	ug/l	100
79) 2-Chlorotoluene	10.986	91	1542610	155.115	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	1899632	162.765	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	308961	167.368	ug/l	99
82) 4-Chlorotoluene	11.095	91	1836165	160.024	ug/l	99
83) tert-Butylbenzene	11.420	119	1876557	167.528	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	1931752	170.051	ug/l	100
85) sec-Butylbenzene	11.645	105	2340368	167.009	ug/l	99
86) p-Isopropyltoluene	11.793	119	2031680	168.826	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	1073160	151.862	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	1075013	147.240	ug/l	99
89) n-Butylbenzene	12.208	91	1872236	177.039	ug/l	99
90) Hexachloroethane	12.475	117	371945	151.444	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	1055759	147.889	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.995	75	242577	153.829	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	737631	157.458	ug/l	99
94) Hexachlorobutadiene	14.021	225	315682	140.590	ug/l	99
95) Naphthalene	14.085	128	2573564	177.125	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	726980	156.681	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
Data File : VU048674.D
Acq On : 26 May 2022 12:10
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 05/27/2022
Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 05:36:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 05:29:21 2022
Response via : Initial Calibration

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

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

