

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044933.D
 Acq On : 28 Sep 2021 11:47
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 12:07:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	154370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	284086	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	282299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	157317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	269212	101.528	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 203.060%#			
35) Dibromofluoromethane	5.292	113	189279	98.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.920%#			
50) Toluene-d8	7.903	98	757266	104.178	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.360%#			
62) 4-Bromofluorobenzene	10.639	95	328807	118.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 237.200%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	192556	102.787	ug/l	97
3) Chloromethane	1.517	50	229940	83.040	ug/l	100
4) Vinyl Chloride	1.607	62	246692	94.045	ug/l	100
5) Bromomethane	1.832	94	92409	69.420	ug/l	99
6) Chloroethane	1.900	64	155759	75.579	ug/l	99
7) Trichlorofluoromethane	2.118	101	322978	99.171	ug/l	99
8) Diethyl Ether	2.379	74	151066	101.755	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.572	101	185174	98.005	ug/l	98
10) Methyl Iodide	2.716	142	216098	105.320	ug/l	97
11) Tert butyl alcohol	3.247	59	387690	491.084	ug/l	100
12) 1,1-Dichloroethene	2.575	96	188262	100.415	ug/l	95
13) Acrolein	2.488	56	72943	351.616	ug/l	96
14) Allyl chloride	2.919	41	333132	92.566	ug/l	96
15) Acrylonitrile	3.318	53	768212	472.990	ug/l	99
16) Acetone	2.633	43	734204	476.426	ug/l	100
17) Carbon Disulfide	2.787	76	543330	102.604	ug/l	99
18) Methyl Acetate	2.951	43	446188	88.894	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	728393	104.001	ug/l	99
20) Methylene Chloride	3.044	84	223798	90.805	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	204203	101.993	ug/l	96
22) Diisopropyl ether	3.999	45	702914	98.661	ug/l	91
23) Vinyl Acetate	3.957	43	3002989	514.833	ug/l	98
24) 1,1-Dichloroethane	3.871	63	404131	97.809	ug/l	100
25) 2-Butanone	4.710	43	1128356	490.660	ug/l	99
26) 2,2-Dichloropropane	4.668	77	341179	107.356	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	241662	99.264	ug/l	99
28) Bromochloromethane	4.977	49	175727	91.455	ug/l	95
29) Tetrahydrofuran	5.054	42	676596	473.654	ug/l	96
30) Chloroform	5.092	83	402642	96.271	ug/l	99
31) Cyclohexane	5.388	56	372920	95.548	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	338728	100.139	ug/l	99
36) 1,1-Dichloropropene	5.526	75	302831	99.910	ug/l	99
37) Ethyl Acetate	4.806	43	393572	90.035	ug/l	97
38) Carbon Tetrachloride	5.526	117	268221	99.614	ug/l	99
39) Methylcyclohexane	6.764	83	378253	109.168	ug/l	96
40) Benzene	5.777	78	882913	95.833	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044933.D
 Acq On : 28 Sep 2021 11:47
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 12:07:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	212380	97.076	ug/l	97
42) 1,2-Dichloroethane	5.797	62	345534	95.130	ug/l	100
43) Isopropyl Acetate	5.916	43	615957	99.461	ug/l	98
44) Trichloroethene	6.543	130	209911	94.656	ug/l	97
45) 1,2-Dichloropropane	6.793	63	236047	95.641	ug/l	97
46) Dibromomethane	6.922	93	161490	97.848	ug/l	99
47) Bromodichloromethane	7.108	83	323579	99.580	ug/l	100
48) Methyl methacrylate	6.967	41	306849	104.986	ug/l	96
49) 1,4-Dioxane	6.977	88	153186	2054.776	ug/l	94
51) 4-Methyl-2-Pentanone	7.803	43	2340169	528.064	ug/l	98
52) Toluene	7.973	92	565870	102.203	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	383927	111.727	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	394972	107.024	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	239644	101.452	ug/l	100
56) Ethyl methacrylate	8.340	69	453361	119.543	ug/l	98
57) 1,3-Dichloropropane	8.581	76	421081	100.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	723213	801.654	ug/l	98
59) 2-Hexanone	8.694	43	1922734	536.510	ug/l	97
60) Dibromochloromethane	8.816	129	243997	107.511	ug/l	99
61) 1,2-Dibromoethane	8.928	107	258798	103.854	ug/l	100
64) Tetrachloroethene	8.555	164	182034	95.627	ug/l	99
65) Chlorobenzene	9.452	112	604033	102.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	218845	103.892	ug/l	99
67) Ethyl Benzene	9.575	91	1127271	106.569	ug/l	100
68) m/p-Xylenes	9.697	106	866866	214.490	ug/l	98
69) o-Xylene	10.105	106	435482	110.726	ug/l	98
70) Styrene	10.118	104	774812	117.096	ug/l	99
71) Bromoform	10.298	173	207986	117.564	ug/l #	99
73) Isopropylbenzene	10.488	105	1154994	103.017	ug/l	100
74) N-amyl acetate	10.327	43	617975	107.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	504454	97.894	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	422811m	87.985	ug/l	
77) Bromobenzene	10.787	156	276554	102.476	ug/l	98
78) n-propylbenzene	10.909	91	1444558	105.965	ug/l	100
79) 2-Chlorotoluene	10.992	91	866987	103.973	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	1032142	107.995	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	177100	116.420	ug/l	97
82) 4-Chlorotoluene	11.102	91	1027331	108.108	ug/l	99
83) tert-Butylbenzene	11.427	119	1007381	108.668	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	1046244	110.794	ug/l	99
85) sec-Butylbenzene	11.648	105	1318276	110.365	ug/l	99
86) p-Isopropyltoluene	11.796	119	1095487	112.728	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	542904	103.331	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	545388	100.662	ug/l	99
89) n-Butylbenzene	12.214	91	1042701	116.552	ug/l	99
90) Hexachloroethane	12.481	117	196841	111.416	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	547567	98.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	124054	100.713	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	318306	104.909	ug/l	99
94) Hexachlorobutadiene	14.025	225	127645	95.182	ug/l	98
95) Naphthalene	14.089	128	1187142	112.432	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	314918	102.926	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044933.D
 Acq On : 28 Sep 2021 11:47
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 12:07:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 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\VU092821\
Data File : VU044933.D
Acq On : 28 Sep 2021 11:47
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 12:07:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 11:55:17 2021
Response via : Initial Calibration

