

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025552.D
 Acq On : 06 Dec 2021 16:29
 Operator : JC/MD
 Sample : M4923-21MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20211202MS

Quant Time: Dec 07 06:01:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	116166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43685	57.078	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.160%			
35) Dibromofluoromethane	5.391	113	38484	53.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.980%			
50) Toluene-d8	8.653	98	139114	51.911	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.820%			
62) 4-Bromofluorobenzene	11.085	95	53176	52.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32933	52.323	ug/l	99
3) Chloromethane	1.295	50	35029	44.947	ug/l	100
4) Vinyl Chloride	1.374	62	38073	44.497	ug/l	99
5) Bromomethane	1.593	94	20826	56.613	ug/l	96
6) Chloroethane	1.673	64	26651	45.142	ug/l	100
7) Trichlorofluoromethane	1.880	101	65165	51.311	ug/l	100
8) Diethyl Ether	2.136	74	25800	49.226	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	39634	58.654	ug/l	99
10) Methyl Iodide	2.447	142	38673	45.772	ug/l	94
11) Tert butyl alcohol	2.977	59	53152	281.891	ug/l	99
12) 1,1-Dichloroethene	2.313	96	34674	51.523	ug/l	90
13) Acrolein	2.239	56	9240	263.528	ug/l	99
14) Allyl chloride	2.660	41	58345	47.904	ug/l	97
15) Acrylonitrile	3.069	53	116170	282.851	ug/l	99
16) Acetone	2.386	43	99497	233.956	ug/l	95
17) Carbon Disulfide	2.508	76	72177	38.125	ug/l	99
18) Methyl Acetate	2.709	43	71546	52.655	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	126494	53.945	ug/l	99
20) Methylene Chloride	2.788	84	40853	51.102	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	37719	51.162	ug/l	88
22) Diisopropyl ether	3.764	45	122994	53.026	ug/l	95
23) Vinyl Acetate	3.727	43	471921	253.291	ug/l	96
24) 1,1-Dichloroethane	3.611	63	68793	54.279	ug/l	97
25) 2-Butanone	4.562	43	163098	265.259	ug/l	99
26) 2,2-Dichloropropane	4.483	77	51666	44.965	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	46812	54.373	ug/l	90
28) Bromochloromethane	4.904	49	31951	54.065	ug/l	93
29) Tetrahydrofuran	5.013	42	105753	277.779	ug/l	97
30) Chloroform	5.099	83	74142	56.213	ug/l	98
31) Cyclohexane	5.471	56	57194	48.358	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	64256	53.212	ug/l	99
36) 1,1-Dichloropropene	5.696	75	51378	50.693	ug/l	98
37) Ethyl Acetate	4.721	43	59248	51.381	ug/l	99
38) Carbon Tetrachloride	5.678	117	57424	51.442	ug/l	100
39) Methylcyclohexane	7.385	83	61450	47.268	ug/l	94
40) Benzene	6.044	78	157874	51.421	ug/l	98

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41) Methacrylonitrile	4.928	41	34219	53.466	ug/l	97
42) 1,2-Dichloroethane	6.092	62	55803	55.859	ug/l	94
43) Isopropyl Acetate	6.348	43	95550	49.791	ug/l	98
44) Trichloroethene	7.129	130	144724	162.266	ug/l	93
45) 1,2-Dichloropropane	7.434	63	39511	52.397	ug/l	100
46) Dibromomethane	7.580	93	29125	53.205	ug/l	94
47) Bromodichloromethane	7.824	83	55530	51.620	ug/l	98
48) Methyl methacrylate	7.696	41	46192	51.288	ug/l	95
49) 1,4-Dioxane	7.665	88	23856	1254.302	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	330717	274.833	ug/l	100
52) Toluene	8.720	92	103116	51.444	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	57449	48.023	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	62754	48.394	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	44287	55.591	ug/l	98
56) Ethyl methacrylate	9.122	69	66247	51.242	ug/l	96
57) 1,3-Dichloropropane	9.311	76	71023	53.788	ug/l	99
59) 2-Hexanone	9.433	43	253961	267.700	ug/l	97
60) Dibromochloromethane	9.525	129	45901	50.060	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46123	53.454	ug/l	98
64) Tetrachloroethene	9.275	164	45548	51.045	ug/l	96
65) Chlorobenzene	10.080	112	114336	51.849	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43359	51.273	ug/l	99
67) Ethyl Benzene	10.195	91	198854	52.182	ug/l	97
68) m/p-Xylenes	10.305	106	157524	101.202	ug/l	94
69) o-Xylene	10.647	106	79067	51.900	ug/l	91
70) Styrene	10.659	104	130904	52.013	ug/l	97
71) Bromoform	10.805	173	34216	46.603	ug/l #	99
73) Isopropylbenzene	10.964	105	205393	52.003	ug/l	99
74) N-amyl acetate	10.848	43	81246	47.558	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	68374	53.520	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	59941m	52.818	ug/l	
77) Bromobenzene	11.201	156	52363	51.551	ug/l	95
78) n-propylbenzene	11.305	91	229890	51.854	ug/l	97
79) 2-Chlorotoluene	11.366	91	139899	51.832	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	169587	51.081	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	18449	40.953	ug/l	99
82) 4-Chlorotoluene	11.457	91	157057	50.975	ug/l	96
83) tert-Butylbenzene	11.719	119	171297	50.770	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	169892	51.776	ug/l	95
85) sec-Butylbenzene	11.896	105	213911	52.150	ug/l	98
86) p-Isopropyltoluene	12.012	119	180331	51.168	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	97062	51.333	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	97543	50.912	ug/l	97
89) n-Butylbenzene	12.335	91	148051	49.840	ug/l	97
90) Hexachloroethane	12.543	117	29014	44.674	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	94444	51.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14247	53.388	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	58343	53.793	ug/l	99
94) Hexachlorobutadiene	13.725	225	24786	47.595	ug/l	97
95) Naphthalene	13.780	128	201043	53.792	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59835	56.395	ug/l	99

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

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