

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022094.D
 Acq On : 19 May 2021 17:46
 Operator : JC/MD
 Sample : M2262-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2021

Manual Integrations
 APPROVED

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 5/21/2021 1:50:20 PM

Quant Time: May 20 04:45:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 04:41:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	86275	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	171164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	153557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63851	47.98	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.96%		
35) Dibromofluoromethane	5.397	113	49505	45.61	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.22%		
50) Toluene-d8	8.653	98	191205	45.73	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.46%#		
62) 4-Bromofluorobenzene	11.085	95	69469	44.95	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	5522	5.26	ug/l	98
3) Chloromethane	1.294	50	6200	5.48	ug/l	94
4) Vinyl Chloride	1.373	62	6578	5.49	ug/l	95
5) Bromomethane	1.611	94	4228	6.06	ug/l	89
6) Chloroethane	1.684	64	3954	5.55	ug/l	95
7) Trichlorofluoromethane	1.886	101	9336	5.42	ug/l	100
8) Diethyl Ether	2.135	74	4001	5.40	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	5631	5.51	ug/l	90
10) Methyl Iodide	2.452	142	4771	4.34	ug/l	96
11) Tert butyl alcohol	2.989	59	9057	29.75	ug/l #	88
12) 1,1-Dichloroethene	2.324	96	5341	5.40	ug/l #	91
13) Acrolein	2.239	56	6437	31.88	ug/l	96
14) Allyl chloride	2.666	41	9824	5.41	ug/l	96
15) Acrylonitrile	3.074	53	15869	26.48	ug/l	95
16) Acetone	2.392	43	15603	26.93	ug/l	95
17) Carbon Disulfide	2.513	76	13129	5.07	ug/l	96
18) Methyl Acetate	2.709	43	7903	5.13	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	18203	5.37	ug/l	99
20) Methylene Chloride	2.794	84	7209	5.60	ug/l #	93
21) trans-1,2-Dichloroethene	3.099	96	5740	5.34	ug/l	90
22) Diisopropyl ether	3.769	45	17915	5.12	ug/l	98
23) Vinyl Acetate	3.733	43	86323	25.63	ug/l	100
24) 1,1-Dichloroethane	3.611	63	11328	5.52	ug/l	94
25) 2-Butanone	4.568	43	25837	27.56	ug/l	94
26) 2,2-Dichloropropane	4.489	77	8932	4.90	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	7212	5.51	ug/l	93
28) Bromochloromethane	4.909	49	5057	5.08	ug/l	87
29) Tetrahydrofuran	5.025	42	15018	26.91	ug/l	92
30) Chloroform	5.104	83	11183	5.27	ug/l	96
31) Cyclohexane	5.482	56	8571	5.12	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	10022	5.53	ug/l	97
36) 1,1-Dichloropropene	5.696	75	7860	4.97	ug/l	97
37) Ethyl Acetate	4.726	43	10236	5.28	ug/l #	96
38) Carbon Tetrachloride	5.690	117	7758	5.01	ug/l	85
39) Methylcyclohexane	7.385	83	8863	4.94	ug/l	93
40) Benzene	6.049	78	25758	5.29	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	5392	5.19	ug/l	94
42) 1,2-Dichloroethane	6.104	62	8824	5.17	ug/l #	73
43) Isopropyl Acetate	6.354	43	16476	5.19	ug/l	93
44) Trichloroethene	7.135	130	6527	5.39	ug/l	95
45) 1,2-Dichloropropane	7.445	63	6421	5.17	ug/l #	84
46) Dibromomethane	7.592	93	4552	5.40	ug/l #	86
47) Bromodichloromethane	7.836	83	8071	4.79	ug/l	91
48) Methyl methacrylate	7.702	41	7654	5.23	ug/l	90
49) 1,4-Dioxane	7.689	88	3364	118.14	ug/l #	94
51) 4-Methyl-2-Pentanone	8.579	43	48615	25.57	ug/l	95
52) Toluene	8.726	92	15841	5.14	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9336	4.80	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	9697	4.63	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	6020	4.81	ug/l	88
56) Ethyl methacrylate	9.122	69	9887	4.89	ug/l #	89
57) 1,3-Dichloropropane	9.317	76	10748	5.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	25915	23.68	ug/l	99
59) 2-Hexanone	9.433	43	37388	26.15	ug/l	91
60) Dibromochloromethane	9.524	129	5771	4.74	ug/l	93
61) 1,2-Dibromoethane	9.616	107	6440	5.17	ug/l	99
64) Tetrachloroethene	9.281	164	5545	5.50	ug/l	98
65) Chlorobenzene	10.085	112	16500	5.16	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	5671	5.11	ug/l	95
67) Ethyl Benzene	10.195	91	29888	5.08	ug/l	97
68) m/p-Xylenes	10.305	106	22320	10.04	ug/l	99
69) o-Xylene	10.646	106	11057	5.12	ug/l	98
70) Styrene	10.658	104	17517	4.95	ug/l	96
71) Bromoform	10.805	173	3617	4.71	ug/l #	97
73) Isopropylbenzene	10.969	105	28690	5.23	ug/l	99
74) N-amyl acetate	10.847	43	12794	4.92	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.219	83	9574	5.27	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	8756m	5.48	ug/l	
77) Bromobenzene	11.201	156	6374	5.48	ug/l	89
78) n-propylbenzene	11.311	91	32805	5.11	ug/l	100
79) 2-Chlorotoluene	11.366	91	20186	5.18	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	24395	5.37	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	3005	4.46	ug/l	91
82) 4-Chlorotoluene	11.457	91	23227	5.18	ug/l	97
83) tert-Butylbenzene	11.719	119	22226	5.10	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	23646	5.17	ug/l	97
85) sec-Butylbenzene	11.896	105	28229	5.10	ug/l	98
86) p-Isopropyltoluene	12.012	119	23453	5.02	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	11463	5.12	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	11810	5.10	ug/l	92
89) n-Butylbenzene	12.335	91	20791	4.81	ug/l	98
90) Hexachloroethane	12.542	117	3271	4.23	ug/l	86
91) 1,2-Dichlorobenzene	12.341	146	11220	5.21	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	2001	5.15	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	6123	4.71	ug/l	95
94) Hexachlorobutadiene	13.731	225	2596	5.12	ug/l	95
95) Naphthalene	13.780	128	25328	5.00	ug/l	100
96) 1,2,3-Trichlorobenzene	13.969	180	6436	4.92	ug/l	97

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

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