

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022089.D
 Acq On : 19 May 2021 15:50
 Operator : JC/MD
 Sample : M2262-07 .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:50:09 PM

MMDadoda

5/21/2021 1:50:09 PM

Quant Time: May 20 05:03:38 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	5.556	168	96252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	181975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69802	47.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.02%		
35) Dibromofluoromethane	5.385	113	52485	45.48	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.96%		
50) Toluene-d8	8.653	98	205154	46.15	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.30%		
62) 4-Bromofluorobenzene	11.085	95	75870	46.18	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	206	0.18	ug/l	80
3) Chloromethane	1.294	50	414	0.33	ug/l	96
4) Vinyl Chloride	1.374	62	271	0.20	ug/l	100
5) Bromomethane	1.617	94	451	0.58	ug/l #	65
6) Chloroethane	1.685	64	145	0.18	ug/l #	31
7) Trichlorofluoromethane	1.886	101	316	0.16	ug/l #	79
8) Diethyl Ether	2.142	74	41	0.05	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.319	101	230m	0.20	ug/l	
10) Methyl Iodide	2.453	142	504	0.41	ug/l #	68
11) Tert butyl alcohol	2.965	59	806	2.37	ug/l #	73
12) 1,1-Dichloroethene	2.312	96	157	0.14	ug/l #	62
13) Acrolein	2.245	56	270	1.20	ug/l	88
14) Allyl chloride	2.672	41	557	0.27	ug/l #	71
15) Acrylonitrile	3.075	53	758	1.13	ug/l	94
16) Acetone	2.386	43	1232	1.91	ug/l	91
17) Carbon Disulfide	2.520	76	1295	0.45	ug/l #	75
18) Methyl Acetate	2.715	43	540	0.31	ug/l #	56
19) Methyl tert-butyl Ether	3.117	73	759	0.20	ug/l #	88
20) Methylene Chloride	2.794	84	798	0.56	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	357	0.30	ug/l	89
22) Diisopropyl ether	3.757	45	657	0.17	ug/l #	78
23) Vinyl Acetate	3.721	43	3481	0.93	ug/l #	92
24) 1,1-Dichloroethane	3.617	63	381	0.17	ug/l #	81
25) 2-Butanone	4.568	43	1266	1.21	ug/l #	68
26) 2,2-Dichloropropane	4.471	77	316	0.16	ug/l #	52
27) cis-1,2-Dichloroethene	4.507	96	322	0.22	ug/l	58
29) Tetrahydrofuran	5.032	42	577	0.93	ug/l #	56
30) Chloroform	5.105	83	476	0.20	ug/l #	50
31) Cyclohexane	5.477	56	393	0.21	ug/l #	74
32) 1,1,1-Trichloroethane	5.409	97	331m	0.16	ug/l	
36) 1,1-Dichloropropene	5.690	75	306	0.18	ug/l #	56
37) Ethyl Acetate	4.714	43	513m	0.25	ug/l	
38) Carbon Tetrachloride	5.678	117	231m	0.14	ug/l	
39) Methylcyclohexane	7.379	83	428	0.22	ug/l	95
40) Benzene	6.031	78	1086m	0.21	ug/l	
41) Methacrylonitrile	4.922	41	72m	0.07	ug/l	

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42) 1,2-Dichloroethane	6.086	62	421	0.23	ug/l #	73
43) Isopropyl Acetate	6.348	43	688	0.20	ug/l #	57
44) Trichloroethene	7.147	130	277	0.22	ug/l	56
45) 1,2-Dichloropropane	7.440	63	88	0.07	ug/l	98
46) Dibromomethane	7.598	93	281	0.31	ug/l #	51
47) Bromodichloromethane	7.830	83	348	0.19	ug/l #	64
48) Methyl methacrylate	7.702	41	315	0.20	ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	1479	0.73	ug/l	95
52) Toluene	8.726	92	686	0.21	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	397	0.19	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	410	0.18	ug/l #	34
55) 1,1,2-Trichloroethane	9.153	97	202	0.15	ug/l	88
56) Ethyl methacrylate	9.116	69	394	0.18	ug/l #	37
57) 1,3-Dichloropropane	9.317	76	472	0.21	ug/l #	84
58) 2-Chloroethyl Vinyl ether	8.250	63	1759	1.51	ug/l	99
59) 2-Hexanone	9.433	43	1559	1.03	ug/l	84
60) Dibromochloromethane	9.518	129	182	0.14	ug/l #	42
61) 1,2-Dibromoethane	9.616	107	238	0.18	ug/l	85
64) Tetrachloroethene	9.281	164	241	0.23	ug/l #	79
65) Chlorobenzene	10.085	112	801	0.24	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.171	131	194	0.16	ug/l #	58
67) Ethyl Benzene	10.195	91	1230	0.20	ug/l	90
68) m/p-Xylenes	10.299	106	954	0.40	ug/l	96
69) o-Xylene	10.646	106	445	0.19	ug/l	95
70) Styrene	10.659	104	789	0.21	ug/l	92
71) Bromoform	10.799	173	131	0.16	ug/l #	29
73) Isopropylbenzene	10.963	105	1115	0.19	ug/l	77
74) N-amyl acetate	10.848	43	532	0.19	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	11.213	83	353	0.18	ug/l #	94
76) 1,2,3-Trichloropropane	11.244	75	347m	0.20	ug/l	
77) Bromobenzene	11.201	156	341	0.27	ug/l	86
78) n-propylbenzene	11.311	91	1454	0.21	ug/l	97
79) 2-Chlorotoluene	11.372	91	906	0.22	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	1006	0.21	ug/l	82
81) trans-1,4-Dichloro-2-b...	11.024	75	140m	0.19	ug/l	
82) 4-Chlorotoluene	11.457	91	1191	0.25	ug/l	84
83) tert-Butylbenzene	11.719	119	799	0.17	ug/l	70
84) 1,2,4-Trimethylbenzene	11.750	105	1012	0.21	ug/l	94
85) sec-Butylbenzene	11.896	105	1174	0.20	ug/l	84
86) p-Isopropyltoluene	12.012	119	850	0.17	ug/l #	42
87) 1,3-Dichlorobenzene	11.975	146	611	0.26	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	763m	0.31	ug/l	
89) n-Butylbenzene	12.335	91	1076	0.23	ug/l	95
90) Hexachloroethane	12.542	117	60	0.07	ug/l #	9
91) 1,2-Dichlorobenzene	12.341	146	663	0.29	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	12.945	75	73	0.18	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.591	180	351	0.25	ug/l #	86
94) Hexachlorobutadiene	13.725	225	161	0.30	ug/l #	71
95) Naphthalene	13.780	128	1160	0.21	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	315	0.23	ug/l	90

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