

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069075.D
 Acq On : 06 May 2021 14:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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5/7/2021 6:25:56 PM

Quant Time: May 07 01:09:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	295150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	470450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	449335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	234623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158037	41.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.10%
35) Dibromofluoromethane	7.909	113	164386	50.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.90%
50) Toluene-d8	10.338	98	615457	51.67	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.34%
62) 4-Bromofluorobenzene	12.626	95	198269	50.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.22%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	160234	44.64	ug/l	97
3) Chloromethane	2.209	50	181945	41.19	ug/l	96
4) Vinyl Chloride	2.344	62	260425	44.58	ug/l	99
5) Bromomethane	2.756	94	165065	47.49	ug/l	96
6) Chloroethane	2.915	64	166256	48.94	ug/l	99
7) Trichlorofluoromethane	3.268	101	285314	44.47	ug/l	96
8) Diethyl Ether	3.709	74	69208	44.41	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	166045	48.34	ug/l	96
10) Methyl Iodide	4.297	142	149905	48.49	ug/l	94
11) Tert butyl alcohol	5.226	59	47988	184.79	ug/l #	81
12) 1,1-Dichloroethene	4.062	96	152022	49.15	ug/l	95
13) Acrolein	3.921	56	50372	220.98	ug/l	95
14) Allyl chloride	4.715	41	164774	41.34	ug/l	94
15) Acrylonitrile	5.420	53	143278	211.51	ug/l	97
16) Acetone	4.156	43	137314	257.84	ug/l #	87
17) Carbon Disulfide	4.403	76	472871	45.22	ug/l	100
18) Methyl Acetate	4.715	43	60034	40.52	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	323926	45.82	ug/l	99
20) Methylene Chloride	4.956	84	205423	55.91	ug/l	91
21) trans-1,2-Dichloroethene	5.468	96	178483	48.57	ug/l	88
22) Diisopropyl ether	6.362	45	377845	42.47	ug/l	94
23) Vinyl Acetate	6.303	43	1073366	211.04	ug/l #	94
24) 1,1-Dichloroethane	6.262	63	278783	44.37	ug/l	98
25) 2-Butanone	7.209	43	169020	207.84	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	270398	46.07	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	192532	48.54	ug/l	95
28) Bromochloromethane	7.544	49	102519	40.41	ug/l	83
29) Tetrahydrofuran	7.556	42	100551	201.00	ug/l	92
30) Chloroform	7.709	83	312343	44.44	ug/l	98
31) Cyclohexane	7.985	56	236953	42.95	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	291220	45.38	ug/l	98
36) 1,1-Dichloropropene	8.109	75	246203	49.74	ug/l	96
37) Ethyl Acetate	7.291	43	75826	40.63	ug/l #	93
38) Carbon Tetrachloride	8.091	117	271658	50.61	ug/l	97
39) Methylcyclohexane	9.356	83	292915	54.12	ug/l	98
40) Benzene	8.350	78	678963	49.58	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.544	41	48611m	44.93	ug/l	
42) 1,2-Dichloroethane	8.420	62	190289	44.45	ug/l	98
43) Isopropyl Acetate	8.450	43	145843	41.68	ug/l	93
44) Trichloroethene	9.109	130	187508	51.50	ug/l	96
45) 1,2-Dichloropropane	9.385	63	160645	47.64	ug/l	98
46) Dibromomethane	9.473	93	93061	48.01	ug/l	93
47) Bromodichloromethane	9.661	83	245385	48.15	ug/l	98
48) Methyl methacrylate	9.450	41	75035	43.50	ug/l	93
49) 1,4-Dioxane	9.461	88	22410	999.96	ug/l #	89
51) 4-Methyl-2-Pentanone	10.226	43	381319	212.90	ug/l	95
52) Toluene	10.403	92	442704	50.93	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	214946	48.53	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	252999	48.32	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	125462	48.75	ug/l #	94
56) Ethyl methacrylate	10.661	69	139250	45.17	ug/l	89
57) 1,3-Dichloropropane	10.944	76	212760	49.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	362286	243.08	ug/l	96
59) 2-Hexanone	10.979	43	279833	231.48	ug/l	93
60) Dibromochloromethane	11.138	129	169357	49.45	ug/l	99
61) 1,2-Dibromoethane	11.244	107	125272	50.14	ug/l	98
64) Tetrachloroethene	10.873	164	159620	55.12	ug/l	97
65) Chlorobenzene	11.667	112	476800	51.99	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	180229	51.93	ug/l	99
67) Ethyl Benzene	11.744	91	864201	53.15	ug/l	99
68) m/p-Xylenes	11.850	106	678298	110.95	ug/l	94
69) o-Xylene	12.179	106	300981	54.92	ug/l	98
70) Styrene	12.191	104	532398	55.00	ug/l	97
71) Bromoform	12.355	173	94907	53.36	ug/l #	99
73) Isopropylbenzene	12.473	105	842184	51.86	ug/l	100
74) N-amyl acetate	12.285	43	140234	41.12	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	142464	44.75	ug/l	95
76) 1,2,3-Trichloropropane	12.779	75	86796m	42.50	ug/l	
77) Bromobenzene	12.755	156	193969	51.59	ug/l	91
78) n-propylbenzene	12.814	91	1014605	50.86	ug/l	98
79) 2-Chlorotoluene	12.902	91	552352	49.65	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	714037	51.65	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	42434	45.21	ug/l	92
82) 4-Chlorotoluene	13.002	91	578794	48.60	ug/l	98
83) tert-Butylbenzene	13.220	119	595172	52.83	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	716373	51.86	ug/l	99
85) sec-Butylbenzene	13.397	105	863952	52.98	ug/l	99
86) p-Isopropyltoluene	13.508	119	793597	52.72	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	381996	50.63	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	378833	50.94	ug/l	97
89) n-Butylbenzene	13.838	91	742319	51.97	ug/l	99
90) Hexachloroethane	14.102	117	154388	49.90	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	329583	50.24	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	22751	43.44	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	207070	53.21	ug/l	99
94) Hexachlorobutadiene	15.261	225	127163	56.42	ug/l	100
95) Naphthalene	15.396	128	371530	46.71	ug/l	98
96) 1,2,3-Trichlorobenzene	15.585	180	181353	53.95	ug/l	98

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

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