

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071981.D
 Acq On : 15 Feb 2022 17:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/16/2022
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 16 00:37:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	351108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	584769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	569145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	289602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216195	48.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.44%		
35) Dibromofluoromethane	7.908	113	194130	50.50	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.00%		
50) Toluene-d8	10.332	98	697829	48.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.22%		
62) 4-Bromofluorobenzene	12.626	95	256893	51.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.48%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	169352	40.67	ug/l	100
3) Chloromethane	2.209	50	214620	43.05	ug/l	99
4) Vinyl Chloride	2.350	62	244682	46.88	ug/l	96
5) Bromomethane	2.767	94	161527	46.91	ug/l	93
6) Chloroethane	2.920	64	167075	50.52	ug/l	96
7) Trichlorofluoromethane	3.273	101	332477	44.45	ug/l	99
8) Diethyl Ether	3.709	74	88639	44.92	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	194848	46.18	ug/l	98
10) Methyl Iodide	4.303	142	202316	46.77	ug/l	97
11) Tert butyl alcohol	5.214	59	49970	176.85	ug/l	95
12) 1,1-Dichloroethene	4.067	96	170816	44.28	ug/l	97
13) Acrolein	3.920	56	76691	194.56	ug/l	96
14) Allyl chloride	4.714	41	353228	48.04	ug/l	100
15) Acrylonitrile	5.414	53	245969	245.24	ug/l	99
16) Acetone	4.150	43	342184	281.68	ug/l	99
17) Carbon Disulfide	4.409	76	547982	40.74	ug/l	100
18) Methyl Acetate	4.714	43	115332	43.91	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	450264	48.79	ug/l	99
20) Methylene Chloride	4.961	84	211188	47.44	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	206032	45.88	ug/l	98
22) Diisopropyl ether	6.361	45	758880	52.66	ug/l	97
23) Vinyl Acetate	6.303	43	2126891	267.53	ug/l	99
24) 1,1-Dichloroethane	6.261	63	420392	50.05	ug/l	99
25) 2-Butanone	7.208	43	375184	264.92	ug/l	98
26) 2,2-Dichloropropane	7.203	77	342953	49.34	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	236406	49.01	ug/l	97
28) Bromochloromethane	7.544	49	153926	48.58	ug/l	95
29) Tetrahydrofuran	7.555	42	208334	248.62	ug/l	98
30) Chloroform	7.702	83	423420	49.34	ug/l	98
31) Cyclohexane	7.979	56	387659	45.76	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	365429	48.28	ug/l	98
36) 1,1-Dichloropropene	8.108	75	323025	48.96	ug/l	99
37) Ethyl Acetate	7.285	43	152433	49.70	ug/l	98
38) Carbon Tetrachloride	8.097	117	322679	49.46	ug/l	100
39) Methylcyclohexane	9.349	83	367068	48.02	ug/l	98
40) Benzene	8.350	78	888212	49.87	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	78944	45.49	ug/l	89
42) 1,2-Dichloroethane	8.420	62	285090	50.70	ug/l	98
43) Isopropyl Acetate	8.444	43	280037	50.80	ug/l	99
44) Trichloroethene	9.108	130	220022	47.85	ug/l	97
45) 1,2-Dichloropropane	9.379	63	239240	52.10	ug/l	97
46) Dibromomethane	9.467	93	123987	51.57	ug/l	97
47) Bromodichloromethane	9.655	83	327668	51.53	ug/l	95
48) Methyl methacrylate	9.449	41	144410	49.50	ug/l	98
49) 1,4-Dioxane	9.455	88	26309	958.66	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	761111	263.82	ug/l	99
52) Toluene	10.396	92	569626	51.44	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	296718	50.81	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	344011	50.25	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	165295	51.80	ug/l	96
56) Ethyl methacrylate	10.655	69	203965	51.63	ug/l	100
57) 1,3-Dichloropropane	10.938	76	296463	52.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	433956	233.33	ug/l	98
59) 2-Hexanone	10.979	43	577022	275.57	ug/l	98
60) Dibromochloromethane	11.132	129	201929	51.24	ug/l	99
61) 1,2-Dibromoethane	11.238	107	155437	50.56	ug/l	100
64) Tetrachloroethene	10.867	164	177563	44.11	ug/l	97
65) Chlorobenzene	11.661	112	584070	48.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	218900	49.97	ug/l	99
67) Ethyl Benzene	11.738	91	1116647	50.40	ug/l	97
68) m/p-Xylenes	11.849	106	853639	101.30	ug/l	99
69) o-Xylene	12.173	106	387171	50.56	ug/l	100
70) Styrene	12.185	104	685433	51.93	ug/l	100
71) Bromoform	12.349	173	113683	48.61	ug/l #	100
73) Isopropylbenzene	12.473	105	1050633	46.85	ug/l	99
74) N-amyl acetate	12.279	43	264700	48.00	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	189407	45.64	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	131314m	43.02	ug/l	
77) Bromobenzene	12.749	156	222116	44.53	ug/l	99
78) n-propylbenzene	12.808	91	1350341	48.02	ug/l	99
79) 2-Chlorotoluene	12.896	91	747056	46.88	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	896833	48.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	54495	43.90	ug/l	98
82) 4-Chlorotoluene	12.996	91	778604	46.97	ug/l	99
83) tert-Butylbenzene	13.214	119	747136	48.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	891824	48.74	ug/l	99
85) sec-Butylbenzene	13.390	105	1152510	47.78	ug/l	100
86) p-Isopropyltoluene	13.502	119	966529	49.31	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	474017	46.80	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	455241	45.03	ug/l	99
89) n-Butylbenzene	13.832	91	941693	48.97	ug/l	99
90) Hexachloroethane	14.096	117	182532	46.85	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	402717	46.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	29754	43.29	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	231063	45.63	ug/l	99
94) Hexachlorobutadiene	15.255	225	128909	46.69	ug/l	98
95) Naphthalene	15.384	128	424599	42.43	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	199640	45.99	ug/l	99

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

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