

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071906.D
 Acq On : 04 Feb 2022 18:47
 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 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 07 04:22:14 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	7.979	168	377127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	622643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	305092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256062	53.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.440%			
35) Dibromofluoromethane	7.914	113	224028	52.792	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.580%			
50) Toluene-d8	10.332	98	820325	51.760	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.520%			
62) 4-Bromofluorobenzene	12.626	95	290865	52.555	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	173476	38.790	ug/l	99
3) Chloromethane	2.209	50	219832	41.057	ug/l	94
4) Vinyl Chloride	2.350	62	229499	40.941	ug/l	99
5) Bromomethane	2.767	94	146071	39.494	ug/l	93
6) Chloroethane	2.920	64	149339	42.039	ug/l	96
7) Trichlorofluoromethane	3.273	101	321933	40.074	ug/l	95
8) Diethyl Ether	3.709	74	99604	46.990	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	186144	41.072	ug/l	99
10) Methyl Iodide	4.303	142	187782	40.416	ug/l	100
11) Tert butyl alcohol	5.220	59	61360	209.321	ug/l	97
12) 1,1-Dichloroethene	4.062	96	174306	42.070	ug/l	96
13) Acrolein	3.926	56	123398	291.461	ug/l	99
14) Allyl chloride	4.714	41	345902	43.798	ug/l	99
15) Acrylonitrile	5.420	53	258404	239.860	ug/l	100
16) Acetone	4.156	43	327268	250.811	ug/l	99
17) Carbon Disulfide	4.409	76	573234	39.678	ug/l	98
18) Methyl Acetate	4.720	43	119544	42.374	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	480944	48.522	ug/l	96
20) Methylene Chloride	4.961	84	216895	45.180	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	205110	42.524	ug/l	99
22) Diisopropyl ether	6.361	45	756248	48.856	ug/l	99
23) Vinyl Acetate	6.303	43	2170322	254.162	ug/l	99
24) 1,1-Dichloroethane	6.261	63	412618	45.734	ug/l	98
25) 2-Butanone	7.208	43	380934	250.425	ug/l	97
26) 2,2-Dichloropropane	7.208	77	321599	43.075	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	238880	46.111	ug/l	99
28) Bromochloromethane	7.544	49	174611	51.311	ug/l	99
29) Tetrahydrofuran	7.561	42	228368	253.730	ug/l	97
30) Chloroform	7.708	83	419804	45.545	ug/l	100
31) Cyclohexane	7.985	56	357035	39.234	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	350400	43.099	ug/l	98
36) 1,1-Dichloropropene	8.108	75	303150	41.621	ug/l	98
37) Ethyl Acetate	7.291	43	158887	46.920	ug/l	98
38) Carbon Tetrachloride	8.091	117	301534	41.863	ug/l	98
39) Methylcyclohexane	9.349	83	335229	39.722	ug/l	96
40) Benzene	8.350	78	871032	44.303	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	89232	46.578	ug/l	96
42) 1,2-Dichloroethane	8.420	62	288452	46.462	ug/l	100
43) Isopropyl Acetate	8.450	43	293251	48.182	ug/l	100
44) Trichloroethene	9.108	130	215906	42.531	ug/l	99
45) 1,2-Dichloropropane	9.385	63	234775	46.311	ug/l	93
46) Dibromomethane	9.467	93	123912	46.681	ug/l	99
47) Bromodichloromethane	9.655	83	329770	46.975	ug/l	96
48) Methyl methacrylate	9.449	41	150164	46.620	ug/l	96
49) 1,4-Dioxane	9.461	88	29611	977.340	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	804401	252.561	ug/l	99
52) Toluene	10.396	92	549239	44.925	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	298421	46.284	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	348166	46.067	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	166737	47.329	ug/l	99
56) Ethyl methacrylate	10.655	69	215114	49.318	ug/l	98
57) 1,3-Dichloropropane	10.938	76	299725	47.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	518497	252.518	ug/l	100
59) 2-Hexanone	10.979	43	582955	252.178	ug/l	99
60) Dibromochloromethane	11.132	129	201521	46.323	ug/l	98
61) 1,2-Dibromoethane	11.238	107	159380	46.956	ug/l	99
64) Tetrachloroethene	10.873	164	180892	41.072	ug/l	97
65) Chlorobenzene	11.661	112	562480	42.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	214051	44.668	ug/l	98
67) Ethyl Benzene	11.738	91	1040642	42.934	ug/l	100
68) m/p-Xylenes	11.849	106	803700	87.177	ug/l	99
69) o-Xylene	12.173	106	378577	45.186	ug/l	99
70) Styrene	12.185	104	665440	46.080	ug/l	99
71) Bromoform	12.349	173	113923	44.525	ug/l #	98
73) Isopropylbenzene	12.473	105	989347	41.878	ug/l	100
74) N-amyl acetate	12.279	43	278741	47.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	193407	44.239	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	153854m	47.851	ug/l	
77) Bromobenzene	12.749	156	225693	42.946	ug/l	98
78) n-propylbenzene	12.808	91	1242447	41.942	ug/l	100
79) 2-Chlorotoluene	12.896	91	708783	42.222	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	826868	42.197	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	55110	42.143	ug/l	99
82) 4-Chlorotoluene	12.996	91	738340	42.275	ug/l	100
83) tert-Butylbenzene	13.214	119	696481	42.887	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	847599	43.972	ug/l	98
85) sec-Butylbenzene	13.390	105	1054495	41.498	ug/l	100
86) p-Isopropyltoluene	13.508	119	874046	42.329	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	458139	42.932	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	450048	42.258	ug/l	99
89) n-Butylbenzene	13.832	91	841504	41.538	ug/l	99
90) Hexachloroethane	14.102	117	172235	41.963	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	395606	43.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	32692	45.152	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	233115	43.697	ug/l	99
94) Hexachlorobutadiene	15.255	225	115051	39.551	ug/l	98
95) Naphthalene	15.384	128	449160	42.602	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	206464	45.152	ug/l	100

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

