

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071945.D
 Acq On : 11 Feb 2022 19:11
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 12 00:00:55 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/12/2022
 Supervised By : Mahesh Dadoda 02/15/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	312640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	550462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	532561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	270748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	216474	54.781	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.560%			
35) Dibromofluoromethane	7.914	113	190709	52.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.420%			
50) Toluene-d8	10.332	98	676435	50.057	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.120%			
62) 4-Bromofluorobenzene	12.626	95	246535	52.243	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	163384	44.069	ug/l	99
3) Chloromethane	2.209	50	217407	48.980	ug/l	98
4) Vinyl Chloride	2.350	62	216875	46.670	ug/l	98
5) Bromomethane	2.767	94	153559	50.082	ug/l	93
6) Chloroethane	2.920	64	150530	51.115	ug/l	98
7) Trichlorofluoromethane	3.273	101	310377	46.605	ug/l	96
8) Diethyl Ether	3.714	74	99686	56.729	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	187385	49.874	ug/l	99
10) Methyl Iodide	4.297	142	215114	55.848	ug/l	98
11) Tert butyl alcohol	5.214	59	57059	240.864	ug/l	97
12) 1,1-Dichloroethene	4.067	96	172336	50.174	ug/l	89
13) Acrolein	3.920	56	83397	237.611	ug/l	100
14) Allyl chloride	4.714	41	355155	54.245	ug/l	99
15) Acrylonitrile	5.414	53	276902	310.047	ug/l	99
16) Acetone	4.156	43	229618	212.272	ug/l	98
17) Carbon Disulfide	4.409	76	577104	48.186	ug/l	99
18) Methyl Acetate	4.709	43	138662	59.289	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	493817	60.097	ug/l	96
20) Methylene Chloride	4.967	84	225236	57.616	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	215866	53.985	ug/l	98
22) Diisopropyl ether	6.361	45	782295	60.963	ug/l	96
23) Vinyl Acetate	6.303	43	2176601	307.474	ug/l	99
24) 1,1-Dichloroethane	6.261	63	432627	57.843	ug/l	98
25) 2-Butanone	7.208	43	347731	275.750	ug/l	97
26) 2,2-Dichloropropane	7.208	77	306906	49.585	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	248777	57.926	ug/l	98
28) Bromochloromethane	7.544	49	151601	53.739	ug/l	99
29) Tetrahydrofuran	7.561	42	234313	314.033	ug/l	98
30) Chloroform	7.708	83	431709	56.497	ug/l	98
31) Cyclohexane	7.985	56	349811	46.369	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	353202	52.405	ug/l	99
36) 1,1-Dichloropropene	8.108	75	310713	50.032	ug/l	99
37) Ethyl Acetate	7.291	43	160144	55.464	ug/l	100
38) Carbon Tetrachloride	8.097	117	293390	47.771	ug/l	93
39) Methylcyclohexane	9.349	83	336269	46.730	ug/l	95
40) Benzene	8.350	78	895173	53.399	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	92892	56.868	ug/l	92
42) 1,2-Dichloroethane	8.420	62	301703	56.994	ug/l	99
43) Isopropyl Acetate	8.450	43	298221	57.466	ug/l	99
44) Trichloroethene	9.108	130	221768	51.235	ug/l	99
45) 1,2-Dichloropropane	9.385	63	244062	56.462	ug/l	95
46) Dibromomethane	9.467	93	130205	57.528	ug/l	98
47) Bromodichloromethane	9.655	83	335596	56.066	ug/l	99
48) Methyl methacrylate	9.449	41	155458	56.603	ug/l	97
49) 1,4-Dioxane	9.449	88	29054	1124.668	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	817631	301.076	ug/l	100
52) Toluene	10.396	92	565279	54.227	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	293775	53.437	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	345428	53.602	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	172540	57.440	ug/l	95
56) Ethyl methacrylate	10.655	69	219199	58.939	ug/l	99
57) 1,3-Dichloropropane	10.938	76	308942	57.611	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	493071	281.632	ug/l	99
59) 2-Hexanone	10.979	43	547147	277.589	ug/l	98
60) Dibromochloromethane	11.132	129	210869	56.848	ug/l	100
61) 1,2-Dibromoethane	11.243	107	163876	56.624	ug/l	99
64) Tetrachloroethene	10.867	164	181320	48.133	ug/l	93
65) Chlorobenzene	11.661	112	585027	51.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	216891	52.916	ug/l	99
67) Ethyl Benzene	11.738	91	1082395	52.210	ug/l	98
68) m/p-Xylenes	11.843	106	823572	104.443	ug/l	99
69) o-Xylene	12.173	106	391229	54.595	ug/l	97
70) Styrene	12.185	104	687575	55.667	ug/l	99
71) Bromoform	12.349	173	121205	55.384	ug/l #	100
73) Isopropylbenzene	12.473	105	1008581	48.107	ug/l	99
74) N-amyl acetate	12.279	43	279626	54.235	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	201783	52.010	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	161402m	56.566	ug/l	
77) Bromobenzene	12.749	156	231653	49.672	ug/l	98
78) n-propylbenzene	12.814	91	1275881	48.534	ug/l	100
79) 2-Chlorotoluene	12.896	91	728352	48.891	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	864797	49.731	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	54339	46.825	ug/l	98
82) 4-Chlorotoluene	12.996	91	755702	48.758	ug/l	99
83) tert-Butylbenzene	13.214	119	711188	49.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	868091	50.748	ug/l	100
85) sec-Butylbenzene	13.390	105	1089626	48.320	ug/l	98
86) p-Isopropyltoluene	13.508	119	886493	48.378	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	469847	49.614	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	457846	48.443	ug/l	99
89) n-Butylbenzene	13.832	91	851494	47.362	ug/l	99
90) Hexachloroethane	14.096	117	179196	49.198	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	409049	50.474	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34341	53.446	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	230751	48.741	ug/l	99
94) Hexachlorobutadiene	15.255	225	118472	45.894	ug/l	98
95) Naphthalene	15.384	128	463950	49.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	208655	51.419	ug/l	100

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

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