

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072162.D
 Acq On : 14 Mar 2022 12:16
 Operator : VA/SY
 Sample : VD0314SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Quant Time: Mar 15 01:22:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
 Supervised By :Semsettin Yesilyurt 03/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	367505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	582486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	544127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211928	51.745	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.480%			
35) Dibromofluoromethane	7.908	113	213141	51.998	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.000%			
50) Toluene-d8	10.332	98	789952	52.705	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.420%			
62) 4-Bromofluorobenzene	12.626	95	294410	50.554	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	69539	20.458	ug/l	100
3) Chloromethane	2.209	50	55681	18.434	ug/l	96
4) Vinyl Chloride	2.350	62	55168	18.921	ug/l	98
5) Bromomethane	2.762	94	37882	19.953	ug/l	88
6) Chloroethane	2.915	64	36374	18.869	ug/l	96
7) Trichlorofluoromethane	3.273	101	127549	19.371	ug/l	98
8) Diethyl Ether	3.703	74	32525	17.885	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	83132	19.801	ug/l	97
10) Methyl Iodide	4.297	142	57681	16.879	ug/l	98
11) Tert butyl alcohol	5.220	59	22771	95.890	ug/l	99
12) 1,1-Dichloroethene	4.067	96	61277	18.142	ug/l	93
13) Acrolein	3.920	56	21398	100.982	ug/l	99
14) Allyl chloride	4.714	41	106176	17.979	ug/l	94
15) Acrylonitrile	5.420	53	88038	95.945	ug/l	99
16) Acetone	4.162	43	83402	93.790	ug/l	97
17) Carbon Disulfide	4.409	76	104769	14.401	ug/l	95
18) Methyl Acetate	4.720	43	47702	21.890	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	177789	19.366	ug/l	94
20) Methylene Chloride	4.967	84	94311	17.215	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	67636	18.105	ug/l	94
22) Diisopropyl ether	6.361	45	266315	19.771	ug/l #	92
23) Vinyl Acetate	6.303	43	637720	92.768	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	153843	19.366	ug/l	99
25) 2-Butanone	7.208	43	112358	94.765	ug/l	94
26) 2,2-Dichloropropane	7.203	77	145136	20.249	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	91670	19.220	ug/l	94
28) Bromochloromethane	7.544	49	62183	19.444	ug/l	85
29) Tetrahydrofuran	7.561	42	63140	90.566	ug/l	93
30) Chloroform	7.708	83	172243	20.353	ug/l	98
31) Cyclohexane	7.985	56	110372	17.249	ug/l #	86
32) 1,1,1-Trichloroethane	7.903	97	146919	19.546	ug/l	98
36) 1,1-Dichloropropene	8.108	75	106808	18.574	ug/l	96
37) Ethyl Acetate	7.291	43	48725	19.344	ug/l #	97
38) Carbon Tetrachloride	8.091	117	132210	20.226	ug/l	98
39) Methylcyclohexane	9.350	83	112022	17.312	ug/l	98
40) Benzene	8.350	78	313947	19.137	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28234	19.231	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	99343	19.962	ug/l	99
43) Isopropyl Acetate	8.450	43	93129	19.048	ug/l #	93
44) Trichloroethene	9.108	130	88802	19.282	ug/l	93
45) 1,2-Dichloropropane	9.379	63	91329	20.299	ug/l	95
46) Dibromomethane	9.473	93	43825	19.802	ug/l	93
47) Bromodichloromethane	9.655	83	132844	20.590	ug/l	94
48) Methyl methacrylate	9.450	41	41383	17.727	ug/l #	83
49) 1,4-Dioxane	9.455	88	10443	393.490	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	246880	96.143	ug/l	94
52) Toluene	10.397	92	210570	19.506	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	116248	19.721	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	134394	19.722	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	69702	20.675	ug/l	94
56) Ethyl methacrylate	10.655	69	74880	18.962	ug/l	89
57) 1,3-Dichloropropane	10.938	76	112615	19.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	172351	97.070	ug/l	96
59) 2-Hexanone	10.979	43	172273	97.135	ug/l	97
60) Dibromochloromethane	11.132	129	88569	20.245	ug/l	98
61) 1,2-Dibromoethane	11.238	107	61235	20.100	ug/l	99
64) Tetrachloroethene	10.873	164	74209	19.356	ug/l	97
65) Chlorobenzene	11.661	112	241449	20.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	98322	20.611	ug/l	98
67) Ethyl Benzene	11.738	91	420870	19.534	ug/l	98
68) m/p-Xylenes	11.844	106	323528	39.546	ug/l	99
69) o-Xylene	12.173	106	152603	19.501	ug/l	98
70) Styrene	12.185	104	274365	20.078	ug/l	99
71) Bromoform	12.355	173	51823	20.338	ug/l #	99
73) Isopropylbenzene	12.473	105	439569	19.463	ug/l	98
74) N-amyl acetate	12.279	43	92052	18.966	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	80688	19.976	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	60122m	19.124	ug/l	
77) Bromobenzene	12.749	156	102072	20.080	ug/l	91
78) n-propylbenzene	12.808	91	548135	19.981	ug/l	98
79) 2-Chlorotoluene	12.896	91	315414	19.884	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	396852	20.454	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	23374	18.447	ug/l	95
82) 4-Chlorotoluene	12.996	91	331656	20.193	ug/l	100
83) tert-Butylbenzene	13.214	119	336182	19.763	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	390289	20.415	ug/l	99
85) sec-Butylbenzene	13.390	105	513006	20.082	ug/l	100
86) p-Isopropyltoluene	13.502	119	428349	20.378	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	215147	20.195	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	212951	20.158	ug/l	99
89) n-Butylbenzene	13.832	91	411019	20.514	ug/l	99
90) Hexachloroethane	14.096	117	83431	20.251	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	190968	20.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12670	19.655	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	120207	19.548	ug/l	97
94) Hexachlorobutadiene	15.249	225	75259	21.039	ug/l	96
95) Naphthalene	15.384	128	200736	18.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	107258	20.150	ug/l	99

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

