

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072378.D
 Acq On : 23 Mar 2022 12:31
 Operator : VA/SY
 Sample : VD0323SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0323SBS01

Quant Time: Mar 24 00:51:03 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 03/24/2022
 Supervised By :Semsettin Yesilyurt 03/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	370262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	608567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	278979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227862	55.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.440%			
35) Dibromofluoromethane	7.908	113	229352	53.555	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.120%			
50) Toluene-d8	10.332	98	830686	53.048	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.626	95	314302	51.657	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	65381	19.091	ug/l	98
3) Chloromethane	2.209	50	57631	18.938	ug/l	95
4) Vinyl Chloride	2.350	62	61661	20.991	ug/l	98
5) Bromomethane	2.756	94	39191	20.488	ug/l	95
6) Chloroethane	2.914	64	43089	22.186	ug/l	97
7) Trichlorofluoromethane	3.273	101	133589	20.138	ug/l	95
8) Diethyl Ether	3.703	74	38388	20.952	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	88556	20.936	ug/l	95
10) Methyl Iodide	4.297	142	59444	17.214	ug/l	97
11) Tert butyl alcohol	5.214	59	28214	117.926	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	66967	19.679	ug/l	96
13) Acrolein	3.920	56	19784	92.670	ug/l	100
14) Allyl chloride	4.709	41	124979	21.006	ug/l	95
15) Acrylonitrile	5.420	53	108277	117.124	ug/l	99
16) Acetone	4.156	43	105145	117.360	ug/l	97
17) Carbon Disulfide	4.403	76	99506	13.662	ug/l	99
18) Methyl Acetate	4.709	43	63631	28.982	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	208571	22.550	ug/l	100
20) Methylene Chloride	4.961	84	100048	18.517	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	73736	19.590	ug/l	88
22) Diisopropyl ether	6.361	45	324954	23.945	ug/l	95
23) Vinyl Acetate	6.303	43	752918	108.710	ug/l	96
24) 1,1-Dichloroethane	6.255	63	181380	22.662	ug/l	99
25) 2-Butanone	7.208	43	145182	121.538	ug/l	96
26) 2,2-Dichloropropane	7.202	77	153297	21.228	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	102792	21.391	ug/l	96
28) Bromochloromethane	7.544	49	63968	19.853	ug/l	85
29) Tetrahydrofuran	7.561	42	82673	117.700	ug/l	98
30) Chloroform	7.708	83	195529	22.932	ug/l	96
31) Cyclohexane	7.979	56	119450	18.529	ug/l #	94
32) 1,1,1-Trichloroethane	7.897	97	162135	21.410	ug/l	98
36) 1,1-Dichloropropene	8.108	75	118033	19.647	ug/l	100
37) Ethyl Acetate	7.285	43	59953	22.781	ug/l #	97
38) Carbon Tetrachloride	8.097	117	134295	19.665	ug/l	97
39) Methylcyclohexane	9.355	83	119571	17.686	ug/l	97
40) Benzene	8.344	78	351987	20.536	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	31540m	20.562	ug/l	
42) 1,2-Dichloroethane	8.420	62	114353	21.994	ug/l	98
43) Isopropyl Acetate	8.450	43	117204	22.945	ug/l	95
44) Trichloroethene	9.108	130	94905	19.724	ug/l	99
45) 1,2-Dichloropropane	9.379	63	105063	22.351	ug/l	99
46) Dibromomethane	9.467	93	51240	22.160	ug/l	98
47) Bromodichloromethane	9.655	83	150087	22.266	ug/l	98
48) Methyl methacrylate	9.449	41	50826	20.839	ug/l #	84
49) 1,4-Dioxane	9.455	88	12563	453.084	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	317355	118.291	ug/l	97
52) Toluene	10.396	92	227537	20.175	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	131799	21.401	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	153534	21.565	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	78921	22.406	ug/l	98
56) Ethyl methacrylate	10.655	69	91831	22.258	ug/l	90
57) 1,3-Dichloropropane	10.938	76	131313	22.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	172398	92.935	ug/l	97
59) 2-Hexanone	10.979	43	223616	120.681	ug/l	97
60) Dibromochloromethane	11.132	129	101871	22.288	ug/l	97
61) 1,2-Dibromoethane	11.238	107	68310	21.462	ug/l	99
64) Tetrachloroethene	10.867	164	76288	19.492	ug/l	97
65) Chlorobenzene	11.661	112	267048	21.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	109075	22.398	ug/l	97
67) Ethyl Benzene	11.738	91	461541	20.984	ug/l	98
68) m/p-Xylenes	11.843	106	355321	42.543	ug/l	98
69) o-Xylene	12.173	106	166304	20.817	ug/l	100
70) Styrene	12.185	104	303053	21.724	ug/l	99
71) Bromoform	12.349	173	57754	22.201	ug/l #	100
73) Isopropylbenzene	12.473	105	487320	22.043	ug/l	100
74) N-amyl acetate	12.279	43	111065	23.377	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	94452	23.888	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	61814m	20.087	ug/l	
77) Bromobenzene	12.749	156	109484	22.003	ug/l	96
78) n-propylbenzene	12.808	91	598155	22.275	ug/l	99
79) 2-Chlorotoluene	12.902	91	342539	22.060	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	429807	22.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	28385	22.885	ug/l	93
82) 4-Chlorotoluene	12.996	91	356019	22.144	ug/l	97
83) tert-Butylbenzene	13.214	119	368902	22.155	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	418830	22.381	ug/l	100
85) sec-Butylbenzene	13.390	105	562451	22.493	ug/l	100
86) p-Isopropyltoluene	13.508	119	456307	22.176	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	230429	22.096	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	227864	22.035	ug/l	99
89) n-Butylbenzene	13.832	91	442432	22.558	ug/l	99
90) Hexachloroethane	14.102	117	91942	22.798	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	206058	22.663	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	14982	23.743	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	130172	21.625	ug/l	99
94) Hexachlorobutadiene	15.249	225	75148	21.461	ug/l	96
95) Naphthalene	15.384	128	223605	21.549	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	114769	22.026	ug/l	97

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

