

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072379.D
 Acq On : 23 Mar 2022 12:59
 Operator : VA/SY
 Sample : VD0323SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0323SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/24/2022
 Supervised By :Semsettin Yesilyurt 03/24/2022

Quant Time: Mar 24 00:51:32 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	368430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	605221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	556334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	269813	65.713	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.420%			
35) Dibromofluoromethane	7.908	113	273672	64.258	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.520%			
50) Toluene-d8	10.338	98	976118	62.680	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 125.360%			
62) 4-Bromofluorobenzene	12.626	95	366027	60.491	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	62653	18.386	ug/l	100
3) Chloromethane	2.209	50	55881	18.454	ug/l	97
4) Vinyl Chloride	2.350	62	58084	19.871	ug/l	100
5) Bromomethane	2.756	94	38363	20.155	ug/l	97
6) Chloroethane	2.914	64	41042	21.237	ug/l	99
7) Trichlorofluoromethane	3.273	101	126614	19.181	ug/l	92
8) Diethyl Ether	3.708	74	36637	20.096	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	83305	19.792	ug/l	95
10) Methyl Iodide	4.297	142	57606	16.823	ug/l	96
11) Tert butyl alcohol	5.226	59	25964	109.061	ug/l	95
12) 1,1-Dichloroethene	4.067	96	63007	18.607	ug/l	93
13) Acrolein	3.932	56	18853	88.748	ug/l	97
14) Allyl chloride	4.714	41	121344	20.496	ug/l	92
15) Acrylonitrile	5.414	53	105078	114.228	ug/l	98
16) Acetone	4.155	43	92431	103.682	ug/l	94
17) Carbon Disulfide	4.408	76	94550	13.113	ug/l	97
18) Methyl Acetate	4.714	43	58637	26.840	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	200187	21.751	ug/l	100
20) Methylene Chloride	4.961	84	95361	17.426	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	69187	18.473	ug/l	98
22) Diisopropyl ether	6.361	45	315416	23.358	ug/l	93
23) Vinyl Acetate	6.302	43	721110	104.635	ug/l	97
24) 1,1-Dichloroethane	6.261	63	171528	21.538	ug/l	97
25) 2-Butanone	7.208	43	136237	114.617	ug/l	99
26) 2,2-Dichloropropane	7.202	77	147949	20.589	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	96913	20.268	ug/l	97
28) Bromochloromethane	7.544	49	66030	20.595	ug/l	91
29) Tetrahydrofuran	7.555	42	80969	115.847	ug/l	97
30) Chloroform	7.708	83	187684	22.121	ug/l	99
31) Cyclohexane	7.979	56	112294	17.505	ug/l #	86
32) 1,1,1-Trichloroethane	7.896	97	155159	20.591	ug/l	99
36) 1,1-Dichloropropene	8.114	75	113045	18.920	ug/l	97
37) Ethyl Acetate	7.291	43	56375	21.540	ug/l #	94
38) Carbon Tetrachloride	8.096	117	129037	18.999	ug/l	99
39) Methylcyclohexane	9.349	83	111686	16.612	ug/l	94
40) Benzene	8.349	78	334458	19.622	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	30330m	19.882	ug/l	
42) 1,2-Dichloroethane	8.420	62	110350	21.341	ug/l	97
43) Isopropyl Acetate	8.449	43	110438	21.740	ug/l	95
44) Trichloroethene	9.108	130	92964	19.427	ug/l	93
45) 1,2-Dichloropropane	9.379	63	99661	21.319	ug/l	100
46) Dibromomethane	9.473	93	47809	20.791	ug/l	95
47) Bromodichloromethane	9.655	83	144901	21.615	ug/l	99
48) Methyl methacrylate	9.455	41	54267	22.373	ug/l	92
49) 1,4-Dioxane	9.455	88	11702	424.365	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	307774	115.354	ug/l	96
52) Toluene	10.396	92	221719	19.768	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	129793	21.191	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	147839	20.880	ug/l	92
55) 1,1,2-Trichloroethane	10.796	97	77150	22.024	ug/l	97
56) Ethyl methacrylate	10.655	69	85920	20.941	ug/l	91
57) 1,3-Dichloropropane	10.943	76	128610	21.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	172406	93.453	ug/l	100
59) 2-Hexanone	10.979	43	208636	113.219	ug/l	97
60) Dibromochloromethane	11.132	129	98739	21.722	ug/l	97
61) 1,2-Dibromoethane	11.237	107	65833	20.798	ug/l	99
64) Tetrachloroethene	10.873	164	71937	18.352	ug/l	90
65) Chlorobenzene	11.661	112	253245	20.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	106294	21.794	ug/l	97
67) Ethyl Benzene	11.737	91	448313	20.352	ug/l	99
68) m/p-Xylenes	11.843	106	345214	41.271	ug/l	97
69) o-Xylene	12.173	106	164282	20.533	ug/l	97
70) Styrene	12.184	104	293720	21.023	ug/l	98
71) Bromoform	12.355	173	55890	21.452	ug/l #	98
73) Isopropylbenzene	12.473	105	463276	20.834	ug/l	99
74) N-amyl acetate	12.279	43	108789	22.766	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	91834	23.092	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	59237m	19.138	ug/l	
77) Bromobenzene	12.755	156	105678	21.115	ug/l	97
78) n-propylbenzene	12.814	91	577655	21.387	ug/l	99
79) 2-Chlorotoluene	12.896	91	335784	21.500	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	409839	21.454	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	27495	22.040	ug/l	93
82) 4-Chlorotoluene	12.996	91	344900	21.328	ug/l	99
83) tert-Butylbenzene	13.214	119	349486	20.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	403043	21.413	ug/l	99
85) sec-Butylbenzene	13.390	105	532313	21.165	ug/l	100
86) p-Isopropyltoluene	13.508	119	442405	21.376	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	221944	21.160	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	222673	21.409	ug/l	99
89) n-Butylbenzene	13.831	91	421774	21.381	ug/l	99
90) Hexachloroethane	14.096	117	87556	21.585	ug/l	100
91) 1,2-Dichlorobenzene	13.878	146	195951	21.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13104	20.647	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	125827	20.782	ug/l	98
94) Hexachlorobutadiene	15.255	225	74252	21.083	ug/l	96
95) Naphthalene	15.384	128	214090	20.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	108109	20.629	ug/l	100

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

