

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072356.D
 Acq On : 22 Mar 2022 11:17
 Operator : VA/SY
 Sample : VD0322SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

Quant Time: Mar 23 01:10:35 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 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	343503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	553984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	517911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188480	49.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.480%		
35) Dibromofluoromethane	7.914	113	183039	46.952	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.900%		
50) Toluene-d8	10.338	98	666524	46.758	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.520%		
62) 4-Bromofluorobenzene	12.626	95	250621	45.249	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	54997	17.310	ug/l	95
3) Chloromethane	2.209	50	48545	17.195	ug/l	94
4) Vinyl Chloride	2.350	62	48937	17.957	ug/l	98
5) Bromomethane	2.756	94	35171	19.819	ug/l	97
6) Chloroethane	2.914	64	36729	20.384	ug/l	97
7) Trichlorofluoromethane	3.273	101	113528	18.447	ug/l	99
8) Diethyl Ether	3.709	74	30563	17.981	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	73501	18.730	ug/l	96
10) Methyl Iodide	4.303	142	43438	14.032	ug/l	98
11) Tert butyl alcohol	5.208	59	23123	104.176	ug/l	99
12) 1,1-Dichloroethene	4.061	96	53953	17.090	ug/l	87
13) Acrolein	3.920	56	18251	92.149	ug/l	97
14) Allyl chloride	4.709	41	100282	18.168	ug/l	95
15) Acrylonitrile	5.420	53	89216	104.023	ug/l	97
16) Acetone	4.150	43	96303	115.865	ug/l	98
17) Carbon Disulfide	4.409	76	83471	12.497	ug/l	99
18) Methyl Acetate	4.709	43	51515	25.291	ug/l #	91
19) Methyl tert-butyl Ether	5.479	73	168182	19.600	ug/l	99
20) Methylene Chloride	4.967	84	93176	18.617	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	58873	16.860	ug/l	91
22) Diisopropyl ether	6.361	45	258026	20.494	ug/l	98
23) Vinyl Acetate	6.308	43	597756	93.030	ug/l	98
24) 1,1-Dichloroethane	6.261	63	144600	19.474	ug/l	97
25) 2-Butanone	7.208	43	120130	108.400	ug/l	99
26) 2,2-Dichloropropane	7.208	77	127611	19.048	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	83584	18.749	ug/l	94
28) Bromochloromethane	7.550	49	59739	19.985	ug/l	89
29) Tetrahydrofuran	7.555	42	67573	103.697	ug/l	97
30) Chloroform	7.708	83	160508	20.291	ug/l	98
31) Cyclohexane	7.979	56	99699	16.670	ug/l #	86
32) 1,1,1-Trichloroethane	7.902	97	135371	19.268	ug/l	99
36) 1,1-Dichloropropene	8.108	75	95976	17.549	ug/l	97
37) Ethyl Acetate	7.291	43	50232	20.968	ug/l #	89
38) Carbon Tetrachloride	8.091	117	115520	18.582	ug/l	97
39) Methylcyclohexane	9.355	83	96224	15.635	ug/l	98
40) Benzene	8.344	78	285548	18.302	ug/l	98

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41) Methacrylonitrile	7.514	41	30927	22.149	ug/l	90
42) 1,2-Dichloroethane	8.420	62	93887	19.837	ug/l	97
43) Isopropyl Acetate	8.450	43	92171	19.822	ug/l	95
44) Trichloroethene	9.108	130	77616	17.720	ug/l	93
45) 1,2-Dichloropropane	9.379	63	84291	19.699	ug/l	97
46) Dibromomethane	9.467	93	41337	19.639	ug/l	96
47) Bromodichloromethane	9.655	83	126218	20.570	ug/l	96
48) Methyl methacrylate	9.455	41	44379	19.988	ug/l	89
49) 1,4-Dioxane	9.455	88	9630	381.525	ug/l	90
51) 4-Methyl-2-Pentanone	10.226	43	262373	107.433	ug/l	98
52) Toluene	10.396	92	189681	18.475	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	108409	19.337	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	126468	19.514	ug/l	93
55) 1,1,2-Trichloroethane	10.796	97	65978	20.577	ug/l	96
56) Ethyl methacrylate	10.655	69	73786	19.647	ug/l	91
57) 1,3-Dichloropropane	10.938	76	109118	20.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	158081	93.614	ug/l	99
59) 2-Hexanone	10.979	43	186122	110.343	ug/l	98
60) Dibromochloromethane	11.138	129	87062	20.925	ug/l	98
61) 1,2-Dibromoethane	11.238	107	58555	20.210	ug/l	98
64) Tetrachloroethene	10.873	164	66011	18.090	ug/l	97
65) Chlorobenzene	11.661	112	220017	19.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	90910	20.022	ug/l	98
67) Ethyl Benzene	11.738	91	373914	18.233	ug/l	100
68) m/p-Xylenes	11.849	106	287809	36.961	ug/l	98
69) o-Xylene	12.173	106	138707	18.623	ug/l	96
70) Styrene	12.185	104	248669	19.119	ug/l	99
71) Bromoform	12.349	173	48701	20.080	ug/l #	98
73) Isopropylbenzene	12.473	105	396432	18.942	ug/l	99
74) N-amyl acetate	12.279	43	92572	20.582	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	80118	21.404	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	51673m	17.737	ug/l	
77) Bromobenzene	12.755	156	92033	19.537	ug/l	96
78) n-propylbenzene	12.808	91	499103	19.633	ug/l	99
79) 2-Chlorotoluene	12.896	91	291616	19.838	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	357393	19.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	22961	19.554	ug/l	95
82) 4-Chlorotoluene	12.996	91	304957	20.036	ug/l	99
83) tert-Butylbenzene	13.214	119	304634	19.325	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	347635	19.622	ug/l	98
85) sec-Butylbenzene	13.390	105	462365	19.532	ug/l	100
86) p-Isopropyltoluene	13.502	119	380558	19.536	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	194517	19.703	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	196109	20.032	ug/l	99
89) n-Butylbenzene	13.832	91	373568	20.120	ug/l	98
90) Hexachloroethane	14.096	117	80435	21.068	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	175352	20.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11748	19.666	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	107984	18.949	ug/l	98
94) Hexachlorobutadiene	15.249	225	63578	19.179	ug/l	100
95) Naphthalene	15.384	128	187830	19.121	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	96062	19.474	ug/l	99

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

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