

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073777.D
 Acq On : 05 Jul 2022 16:05
 Operator : VA/SY
 Sample : VD0705SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0705SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/06/2022
 Supervised By :Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 02:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	150341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	285471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	260739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	116240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72401	49.366	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.740%		
35) Dibromofluoromethane	7.908	113	74446	48.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.000%		
50) Toluene-d8	10.332	98	240362	42.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	84.500%#		
62) 4-Bromofluorobenzene	12.620	95	101351	45.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	90.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	21523	23.208	ug/l	97
3) Chloromethane	2.209	50	26879	25.831	ug/l	100
4) Vinyl Chloride	2.344	62	30502	25.937	ug/l	99
5) Bromomethane	2.738	94	21371	29.175	ug/l	98
6) Chloroethane	2.897	64	22553	26.387	ug/l	92
7) Trichlorofluoromethane	3.256	101	47705	22.218	ug/l	90
8) Diethyl Ether	3.709	74	14589	20.316	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	29674	20.842	ug/l	91
10) Methyl Iodide	4.291	142	20381	20.150	ug/l	97
11) Tert butyl alcohol	5.238	59	20944m	57.981	ug/l	
12) 1,1-Dichloroethene	4.062	96	24329	19.936	ug/l	89
13) Acrolein	3.915	56	10267	304.797	ug/l	93
14) Allyl chloride	4.703	41	45787	21.757	ug/l	96
15) Acrylonitrile	5.409	53	43579	111.443	ug/l	94
16) Acetone	4.150	43	33033	108.256	ug/l	93
17) Carbon Disulfide	4.397	76	43320	22.397	ug/l	97
18) Methyl Acetate	4.720	43	23972	23.722	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	86656	21.848	ug/l	100
20) Methylene Chloride	4.956	84	42209	24.096	ug/l	94
21) trans-1,2-Dichloroethene	5.462	96	29036	21.009	ug/l	93
22) Diisopropyl ether	6.356	45	114335	21.576	ug/l #	94
23) Vinyl Acetate	6.297	43	302969	113.019	ug/l	96
24) 1,1-Dichloroethane	6.256	63	63260	21.357	ug/l	98
25) 2-Butanone	7.208	43	53331	106.426	ug/l	91
26) 2,2-Dichloropropane	7.197	77	57885	21.148	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	38608	20.714	ug/l	94
28) Bromochloromethane	7.538	49	23470	20.609	ug/l #	76
29) Tetrahydrofuran	7.556	42	34919	110.242	ug/l	91
30) Chloroform	7.703	83	70187	22.351	ug/l	96
31) Cyclohexane	7.979	56	48345	22.484	ug/l #	91
32) 1,1,1-Trichloroethane	7.897	97	59730	21.689	ug/l	97
36) 1,1-Dichloropropene	8.103	75	43737	20.312	ug/l	98
37) Ethyl Acetate	7.285	43	23593	20.785	ug/l	97
38) Carbon Tetrachloride	8.085	117	47846	20.696	ug/l	95
39) Methylcyclohexane	9.350	83	48030	19.586	ug/l	95
40) Benzene	8.344	78	130221	20.475	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	16762	22.779	ug/l	91
42) 1,2-Dichloroethane	8.414	62	44259	23.089	ug/l	98
43) Isopropyl Acetate	8.444	43	48949	20.226	ug/l	96
44) Trichloroethene	9.103	130	36226	21.440	ug/l	100
45) 1,2-Dichloropropane	9.379	63	36757	20.309	ug/l	99
46) Dibromomethane	9.467	93	20728	21.824	ug/l #	85
47) Bromodichloromethane	9.655	83	55736	21.691	ug/l #	92
48) Methyl methacrylate	9.450	41	21891	20.162	ug/l #	92
49) 1,4-Dioxane	9.450	88	5194	406.875	ug/l #	86
51) 4-Methyl-2-Pentanone	10.220	43	127583	103.566	ug/l	94
52) Toluene	10.397	92	87809	20.698	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	53138	21.048	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	58770	20.564	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	29780	20.972	ug/l	98
56) Ethyl methacrylate	10.649	69	39630	21.047	ug/l	97
57) 1,3-Dichloropropane	10.938	76	50682	21.206	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	69955	91.651	ug/l	95
59) 2-Hexanone	10.973	43	86118	102.589	ug/l	93
60) Dibromochloromethane	11.132	129	36405	21.115	ug/l	97
61) 1,2-Dibromoethane	11.238	107	26737	20.382	ug/l	99
64) Tetrachloroethene	10.867	164	26456	19.849	ug/l #	89
65) Chlorobenzene	11.655	112	97257	20.212	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.732	131	37371	20.599	ug/l	96
67) Ethyl Benzene	11.732	91	176075	19.922	ug/l	100
68) m/p-Xylenes	11.844	106	131006	38.963	ug/l	96
69) o-Xylene	12.167	106	63557	19.310	ug/l	97
70) Styrene	12.185	104	111807	19.836	ug/l	98
71) Bromoform	12.349	173	20073	21.213	ug/l #	99
73) Isopropylbenzene	12.467	105	175836	19.967	ug/l	100
74) N-amyl acetate	12.273	43	50514	21.126	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	34903	19.884	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	20660m	18.598	ug/l	
77) Bromobenzene	12.749	156	37148	20.589	ug/l	83
78) n-propylbenzene	12.808	91	221155	20.065	ug/l	95
79) 2-Chlorotoluene	12.896	91	127080	20.658	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	145051	19.804	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	11800	20.492	ug/l	94
82) 4-Chlorotoluene	12.991	91	131527	20.621	ug/l	99
83) tert-Butylbenzene	13.208	119	129790	20.025	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	146503	20.241	ug/l	100
85) sec-Butylbenzene	13.385	105	196885	19.635	ug/l	97
86) p-Isopropyltoluene	13.502	119	158536	19.730	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	77268	20.550	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	79513	21.216	ug/l	98
89) n-Butylbenzene	13.826	91	162755	20.069	ug/l	98
90) Hexachloroethane	14.096	117	30965	19.494	ug/l	89
91) 1,2-Dichlorobenzene	13.873	146	69254	20.822	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.479	75	6255	21.633	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	40569	20.451	ug/l	97
94) Hexachlorobutadiene	15.249	225	20188	20.504	ug/l	97
95) Naphthalene	15.379	128	87369	19.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	34356	19.913	ug/l	95

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

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