

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073776.D
 Acq On : 05 Jul 2022 15:36
 Operator : VA/SY
 Sample : VD0705SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0705SBS01

Quant Time: Jul 06 02:50:49 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	149362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	286106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	259973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	73299	50.306	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.620%			
35) Dibromofluoromethane	7.908	113	74430	47.888	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.780%			
50) Toluene-d8	10.332	98	242401	42.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery = 85.040%#			
62) 4-Bromofluorobenzene	12.620	95	105659	46.987	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery = 93.980%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	20583	22.340	ug/l	99
3) Chloromethane	2.209	50	26875	25.997	ug/l	97
4) Vinyl Chloride	2.344	62	30820	26.380	ug/l	97
5) Bromomethane	2.744	94	20478	28.008	ug/l	97
6) Chloroethane	2.903	64	22335	26.303	ug/l	93
7) Trichlorofluoromethane	3.256	101	48379	22.679	ug/l	94
8) Diethyl Ether	3.697	74	14513	20.343	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.085	101	30962	21.889	ug/l	93
10) Methyl Iodide	4.291	142	18291	18.203	ug/l	96
11) Tert butyl alcohol	5.226	59	19338m	53.886	ug/l	
12) 1,1-Dichloroethene	4.056	96	23990	19.787	ug/l	94
13) Acrolein	3.920	56	9934	296.844	ug/l	99
14) Allyl chloride	4.703	41	44339	21.207	ug/l	93
15) Acrylonitrile	5.414	53	39733	102.274	ug/l	99
16) Acetone	4.161	43	33405	110.192	ug/l	100
17) Carbon Disulfide	4.397	76	43724	22.754	ug/l	99
18) Methyl Acetate	4.720	43	22814	22.515	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	83668	21.233	ug/l	97
20) Methylene Chloride	4.950	84	42586	24.556	ug/l	95
21) trans-1,2-Dichloroethene	5.455	96	29464	21.459	ug/l	99
22) Diisopropyl ether	6.361	45	111944	21.263	ug/l	95
23) Vinyl Acetate	6.297	43	295346	110.898	ug/l	94
24) 1,1-Dichloroethane	6.255	63	62887	21.370	ug/l	92
25) 2-Butanone	7.208	43	50374	101.184	ug/l	95
26) 2,2-Dichloropropane	7.202	77	58403	21.477	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	38474	20.777	ug/l	95
28) Bromochloromethane	7.532	49	23260	20.558	ug/l #	80
29) Tetrahydrofuran	7.555	42	34949	111.060	ug/l	90
30) Chloroform	7.702	83	68451	21.941	ug/l	94
31) Cyclohexane	7.973	56	46950	21.911	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	59088	21.596	ug/l	96
36) 1,1-Dichloropropene	8.102	75	45499	21.084	ug/l	96
37) Ethyl Acetate	7.285	43	23325	20.503	ug/l #	96
38) Carbon Tetrachloride	8.091	117	46481	20.061	ug/l	94
39) Methylcyclohexane	9.344	83	48270	19.640	ug/l	93
40) Benzene	8.344	78	130989	20.550	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	15412	20.898	ug/l	94
42) 1,2-Dichloroethane	8.414	62	41788	21.752	ug/l	100
43) Isopropyl Acetate	8.444	43	49749	20.511	ug/l	95
44) Trichloroethene	9.102	130	33885	20.010	ug/l	94
45) 1,2-Dichloropropane	9.379	63	37114	20.460	ug/l	98
46) Dibromomethane	9.467	93	19538	20.525	ug/l	88
47) Bromodichloromethane	9.655	83	53907	20.932	ug/l	92
48) Methyl methacrylate	9.449	41	23171	21.294	ug/l	90
49) 1,4-Dioxane	9.449	88	5440	425.200	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	124681	100.985	ug/l	96
52) Toluene	10.391	92	84529	19.881	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	51902	20.513	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	57727	20.154	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	28726	20.185	ug/l	92
56) Ethyl methacrylate	10.649	69	36673	19.433	ug/l	92
57) 1,3-Dichloropropane	10.938	76	50605	21.127	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.932	63	69300	90.591	ug/l	94
59) 2-Hexanone	10.973	43	85517	101.647	ug/l	94
60) Dibromochloromethane	11.132	129	35631	20.620	ug/l	94
61) 1,2-Dibromoethane	11.238	107	27159	20.658	ug/l	99
64) Tetrachloroethene	10.867	164	26686	20.081	ug/l	95
65) Chlorobenzene	11.661	112	95128	19.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	37780	20.885	ug/l	98
67) Ethyl Benzene	11.732	91	175804	19.949	ug/l	100
68) m/p-Xylenes	11.843	106	131226	39.144	ug/l	98
69) o-Xylene	12.167	106	64970	19.798	ug/l	98
70) Styrene	12.185	104	109385	19.463	ug/l	99
71) Bromoform	12.349	173	19017	20.157	ug/l #	99
73) Isopropylbenzene	12.467	105	177285	19.979	ug/l	99
74) N-amyl acetate	12.279	43	49820	20.678	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	36047	20.380	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	20620m	18.421	ug/l	
77) Bromobenzene	12.749	156	37391	20.567	ug/l	87
78) n-propylbenzene	12.808	91	217717	19.603	ug/l	97
79) 2-Chlorotoluene	12.890	91	126151	20.351	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	144916	19.635	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	11147	19.211	ug/l	94
82) 4-Chlorotoluene	12.990	91	131402	20.445	ug/l	98
83) tert-Butylbenzene	13.208	119	124467	19.058	ug/l	92
84) 1,2,4-Trimethylbenzene	13.255	105	142796	19.579	ug/l	99
85) sec-Butylbenzene	13.384	105	195287	19.328	ug/l	97
86) p-Isopropyltoluene	13.502	119	158824	19.616	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	75479	19.922	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	75531	20.001	ug/l	97
89) n-Butylbenzene	13.826	91	160853	19.684	ug/l	100
90) Hexachloroethane	14.096	117	32027	20.009	ug/l	83
91) 1,2-Dichlorobenzene	13.873	146	67728	20.209	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	6309	21.654	ug/l	81
93) 1,2,4-Trichlorobenzene	15.143	180	39687	19.855	ug/l	99
94) Hexachlorobutadiene	15.249	225	18842	18.992	ug/l	98
95) Naphthalene	15.379	128	87274	19.696	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	33811	19.449	ug/l	97

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

