

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073504.D
 Acq On : 09 Jun 2022 11:52
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 12:25:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:21:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	343917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	561753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	539673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	357301	95.403	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 190.800%#			
35) Dibromofluoromethane	7.908	113	363335	99.757	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 199.520%#			
50) Toluene-d8	10.332	98	1419728	105.364	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 210.720%#			
62) 4-Bromofluorobenzene	12.620	95	512802	104.462	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 208.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	297125	86.070	ug/l	100
3) Chloromethane	2.209	50	320357	93.354	ug/l	100
4) Vinyl Chloride	2.344	62	305564	95.185	ug/l	99
5) Bromomethane	2.744	94	223975	96.761	ug/l	94
6) Chloroethane	2.903	64	198428	97.599	ug/l	97
7) Trichlorofluoromethane	3.262	101	598695	94.805	ug/l	98
8) Diethyl Ether	3.709	74	179252	102.332	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	344076	95.665	ug/l	95
10) Methyl Iodide	4.291	142	447672	136.396	ug/l	97
11) Tert butyl alcohol	5.220	59	177788	129.035	ug/l #	93
12) 1,1-Dichloroethene	4.056	96	340494	101.929	ug/l	84
13) Acrolein	3.915	56	76667	465.822	ug/l	98
14) Allyl chloride	4.709	41	536933	112.027	ug/l #	90
15) Acrylonitrile	5.414	53	416948	539.458	ug/l	96
16) Acetone	4.150	43	305629	454.417	ug/l	90
17) Carbon Disulfide	4.397	76	1099164	104.791	ug/l	99
18) Methyl Acetate	4.714	43	178915	89.047	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	857109	110.725	ug/l	99
20) Methylene Chloride	4.950	84	397986	80.699	ug/l	83
21) trans-1,2-Dichloroethene	5.467	96	410572	101.103	ug/l	87
22) Diisopropyl ether	6.361	45	1135291	107.670	ug/l #	91
23) Vinyl Acetate	6.297	43	3260749	589.109	ug/l #	91
24) 1,1-Dichloroethane	6.261	63	695242	100.158	ug/l	99
25) 2-Butanone	7.203	43	484923	510.938	ug/l #	90
26) 2,2-Dichloropropane	7.203	77	606373	96.491	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	462130	107.714	ug/l	89
28) Bromochloromethane	7.538	49	270174	99.305	ug/l #	74
29) Tetrahydrofuran	7.556	42	326263	555.489	ug/l #	87
30) Chloroform	7.703	83	736454	99.054	ug/l	99
31) Cyclohexane	7.979	56	614435	98.015	ug/l	86
32) 1,1,1-Trichloroethane	7.897	97	655509	100.486	ug/l	94
36) 1,1-Dichloropropene	8.108	75	559117	103.634	ug/l	96
37) Ethyl Acetate	7.285	43	227054	105.638	ug/l #	94
38) Carbon Tetrachloride	8.091	117	585510	103.642	ug/l	98
39) Methylcyclohexane	9.350	83	676223	110.105	ug/l	97
40) Benzene	8.344	78	1606168	101.834	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	122122	104.479	ug/l #	82
42) 1,2-Dichloroethane	8.414	62	445885	102.439	ug/l	95
43) Isopropyl Acetate	8.444	43	444046	108.190	ug/l #	92
44) Trichloroethene	9.108	130	454078	103.797	ug/l	93
45) 1,2-Dichloropropane	9.379	63	401324	102.879	ug/l	98
46) Dibromomethane	9.467	93	226188	103.284	ug/l	94
47) Bromodichloromethane	9.655	83	566655	103.017	ug/l	99
48) Methyl methacrylate	9.450	41	224721	112.019	ug/l #	86
49) 1,4-Dioxane	9.455	88	54947	2238.688	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	1157883	564.065	ug/l	90
52) Toluene	10.397	92	1072748	108.316	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	549877	109.030	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	637066	106.747	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	316933	100.399	ug/l	97
56) Ethyl methacrylate	10.655	69	410237	122.093	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	535100	106.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	792115	554.341	ug/l	93
59) 2-Hexanone	10.973	43	810605	581.999	ug/l	91
60) Dibromochloromethane	11.132	129	407222	106.660	ug/l	99
61) 1,2-Dibromoethane	11.238	107	311448	105.589	ug/l	98
64) Tetrachloroethene	10.867	164	368342	100.216	ug/l	96
65) Chlorobenzene	11.661	112	1139591	103.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	427226	101.579	ug/l	99
67) Ethyl Benzene	11.732	91	2057548	108.860	ug/l	99
68) m/p-Xylenes	11.844	106	1595671	213.482	ug/l	98
69) o-Xylene	12.167	106	755426	111.772	ug/l	96
70) Styrene	12.185	104	1314076	112.854	ug/l	97
71) Bromoform	12.349	173	239418	105.579	ug/l #	99
73) Isopropylbenzene	12.467	105	2017893	116.095	ug/l	99
74) N-amyl acetate	12.279	43	450421	116.881	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	362897	106.742	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	260094m	61.146	ug/l	
77) Bromobenzene	12.749	156	467724	107.204	ug/l	91
78) n-propylbenzene	12.808	91	2461359	112.217	ug/l	97
79) 2-Chlorotoluene	12.896	91	1404816	109.297	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	1710044	112.409	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	120334	116.872	ug/l	86
82) 4-Chlorotoluene	12.991	91	1465849	107.628	ug/l	98
83) tert-Butylbenzene	13.208	119	1478888	116.836	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1693158	111.073	ug/l	98
85) sec-Butylbenzene	13.385	105	2166982	112.704	ug/l	99
86) p-Isopropyltoluene	13.502	119	1803519	112.488	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	920676	100.776	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	913272	101.387	ug/l	98
89) n-Butylbenzene	13.826	91	1702732	112.390	ug/l	98
90) Hexachloroethane	14.096	117	353244	103.385	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	814450	104.806	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	57370	105.270	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	501460	109.719	ug/l	99
94) Hexachlorobutadiene	15.249	225	260005	100.045	ug/l	100
95) Naphthalene	15.379	128	994465	130.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	433307	108.658	ug/l	99

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

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