

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010722\
 Data File : VD071641.D
 Acq On : 07 Jan 2022 11:08
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/07/2022
 Supervised By :Mahesh Dadoda 01/11/2022

Quant Time: Jan 07 12:58:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 12:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	278744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	495274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	451346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	199823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	17819	4.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.960%#		
35) Dibromofluoromethane	7.914	113	17340	5.423	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.840%#		
50) Toluene-d8	10.338	98	56904	4.687	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.380%#		
62) 4-Bromofluorobenzene	12.620	95	20890	4.980	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	14938	6.170	ug/l	82
3) Chloromethane	2.215	50	20202	6.345	ug/l	94
4) Vinyl Chloride	2.356	62	21671	6.065	ug/l	95
5) Bromomethane	2.779	94	18208	6.829	ug/l	95
6) Chloroethane	2.932	64	15772	6.266	ug/l #	82
7) Trichlorofluoromethane	3.285	101	29964	5.965	ug/l	100
8) Diethyl Ether	3.714	74	7012	5.121	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.109	101	17056	5.817	ug/l	98
10) Methyl Iodide	4.309	142	12522	4.314	ug/l #	95
11) Tert butyl alcohol	5.197	59	18837	63.677	ug/l #	75
12) 1,1-Dichloroethene	4.085	96	14348	5.499	ug/l	83
13) Acrolein	3.926	56	8957	25.517	ug/l	94
14) Allyl chloride	4.726	41	25709	5.075	ug/l	93
15) Acrylonitrile	5.432	53	17929	25.743	ug/l	98
16) Acetone	4.150	43	23394	28.042	ug/l #	85
17) Carbon Disulfide	4.420	76	43417	6.234	ug/l	99
18) Methyl Acetate	4.726	43	16947	6.400	ug/l #	76
19) Methyl tert-butyl Ether	5.479	73	34366	5.131	ug/l	95
20) Methylene Chloride	4.979	84	28075	5.325	ug/l #	83
21) trans-1,2-Dichloroethene	5.479	96	16511	5.529	ug/l	92
22) Diisopropyl ether	6.361	45	51599	4.728	ug/l	93
23) Vinyl Acetate	6.308	43	105577	20.657	ug/l	99
24) 1,1-Dichloroethane	6.261	63	34130	5.486	ug/l	96
25) 2-Butanone	7.220	43	27120	27.751	ug/l #	86
26) 2,2-Dichloropropane	7.214	77	27764	5.318	ug/l	98
27) cis-1,2-Dichloroethene	7.220	96	17746	5.084	ug/l	95
28) Bromochloromethane	7.538	49	15441	5.319	ug/l #	94
29) Tetrahydrofuran	7.567	42	14984	26.017	ug/l	97
30) Chloroform	7.714	83	34230	5.368	ug/l	93
31) Cyclohexane	7.985	56	36069	6.429	ug/l #	84
32) 1,1,1-Trichloroethane	7.908	97	30144	5.375	ug/l	98
36) 1,1-Dichloropropene	8.114	75	25124	5.265	ug/l	97
37) Ethyl Acetate	7.297	43	11889	5.628	ug/l #	86
38) Carbon Tetrachloride	8.102	117	24804	5.024	ug/l	92
39) Methylcyclohexane	9.355	83	27712	5.338	ug/l	87
40) Benzene	8.355	78	68527	5.200	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	7432m	5.690	ug/l	
42) 1,2-Dichloroethane	8.426	62	25279	5.794	ug/l	92
43) Isopropyl Acetate	8.450	43	20596	4.972	ug/l	97
44) Trichloroethene	9.114	130	18224	5.440	ug/l	96
45) 1,2-Dichloropropane	9.385	63	18215	5.109	ug/l	91
46) Dibromomethane	9.473	93	9456	5.228	ug/l	96
47) Bromodichloromethane	9.655	83	24207	4.815	ug/l #	98
48) Methyl methacrylate	9.455	41	10971	5.244	ug/l #	84
49) 1,4-Dioxane	9.467	88	2070m	119.841	ug/l	
51) 4-Methyl-2-Pentanone	10.226	43	53523	24.677	ug/l	98
52) Toluene	10.396	92	40120	4.762	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	21094	4.809	ug/l #	87
54) cis-1,3-Dichloropropene	10.085	75	25350	4.924	ug/l	96
55) 1,1,2-Trichloroethane	10.796	97	11303	4.628	ug/l	95
56) Ethyl methacrylate	10.655	69	12907	4.314	ug/l	90
57) 1,3-Dichloropropane	10.938	76	23201	5.415	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	31339	20.026	ug/l	96
59) 2-Hexanone	10.979	43	35482	23.222	ug/l	100
60) Dibromochloromethane	11.132	129	14944	4.858	ug/l	98
61) 1,2-Dibromoethane	11.243	107	11009	4.904	ug/l	99
64) Tetrachloroethene	10.867	164	14668	5.253	ug/l	92
65) Chlorobenzene	11.661	112	46210	5.247	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.738	131	17583	5.399	ug/l	91
67) Ethyl Benzene	11.738	91	77501	4.710	ug/l	95
68) m/p-Xylenes	11.849	106	54866	8.945	ug/l	97
69) o-Xylene	12.173	106	27297	4.743	ug/l	93
70) Styrene	12.191	104	43171	4.357	ug/l	96
71) Bromoform	12.355	173	7789	4.649	ug/l #	98
73) Isopropylbenzene	12.473	105	71555	4.758	ug/l	100
74) N-amyl acetate	12.285	43	17330	4.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	13568	5.315	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	11096m	5.809	ug/l	
77) Bromobenzene	12.749	156	15908	4.956	ug/l	93
78) n-propylbenzene	12.814	91	89186	4.708	ug/l	100
79) 2-Chlorotoluene	12.896	91	52183	4.891	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	57849	4.639	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	3423	4.866	ug/l	93
82) 4-Chlorotoluene	12.996	91	52301	4.662	ug/l	98
83) tert-Butylbenzene	13.214	119	51105	4.801	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	56684	4.563	ug/l	97
85) sec-Butylbenzene	13.390	105	75982	4.598	ug/l	96
86) p-Isopropyltoluene	13.502	119	61583	4.557	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	31744	4.732	ug/l	91
88) 1,4-Dichlorobenzene	13.585	146	36768	5.513	ug/l	95
89) n-Butylbenzene	13.832	91	63396	4.706	ug/l	97
90) Hexachloroethane	14.102	117	13161	5.022	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	27684	4.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	1932	4.458	ug/l	79
93) 1,2,4-Trichlorobenzene	15.149	180	16315	4.942	ug/l	96
94) Hexachlorobutadiene	15.255	225	10541	5.675	ug/l	89
95) Naphthalene	15.384	128	26527	4.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	14394	5.164	ug/l	99

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

