

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073461.D
 Acq On : 02 Jun 2022 09:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 01:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	355345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	555578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	531849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168835	42.993	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.980%		
35) Dibromofluoromethane	7.908	113	181965	49.635	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.260%		
50) Toluene-d8	10.332	98	667419	49.387	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.780%		
62) 4-Bromofluorobenzene	12.620	95	245712	51.809	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	190865	53.754	ug/l	99
3) Chloromethane	2.209	50	169815	42.295	ug/l	98
4) Vinyl Chloride	2.350	62	171944	46.833	ug/l	99
5) Bromomethane	2.762	94	123113	52.509	ug/l	99
6) Chloroethane	2.920	64	106053	46.989	ug/l	99
7) Trichlorofluoromethane	3.273	101	324117	49.927	ug/l	97
8) Diethyl Ether	3.709	74	81910	45.917	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.097	101	194432	50.197	ug/l	94
10) Methyl Iodide	4.297	142	192539	46.073	ug/l	100
11) Tert butyl alcohol	5.214	59	49863	81.839	ug/l	97
12) 1,1-Dichloroethene	4.067	96	175080	49.027	ug/l	90
13) Acrolein	3.926	56	37968	150.751	ug/l	96
14) Allyl chloride	4.709	41	255724	44.363	ug/l #	91
15) Acrylonitrile	5.409	53	179067	219.522	ug/l	97
16) Acetone	4.156	43	146167	214.886	ug/l	90
17) Carbon Disulfide	4.409	76	568826	48.049	ug/l	99
18) Methyl Acetate	4.714	43	78475	41.489	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	376539	46.283	ug/l	100
20) Methylene Chloride	4.962	84	200577	46.185	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	209775	48.584	ug/l	90
22) Diisopropyl ether	6.361	45	553188	45.779	ug/l #	92
23) Vinyl Acetate	6.297	43	1454833	225.712	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	354385	45.690	ug/l	100
25) 2-Butanone	7.203	43	212562	213.593	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	315531	47.702	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	223191	46.715	ug/l	91
28) Bromochloromethane	7.538	49	106177	39.734	ug/l #	74
29) Tetrahydrofuran	7.556	42	138029	214.499	ug/l	89
30) Chloroform	7.697	83	374333	46.228	ug/l	97
31) Cyclohexane	7.979	56	317031	46.197	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	333397	47.075	ug/l	96
36) 1,1-Dichloropropene	8.108	75	291557	52.879	ug/l	96
37) Ethyl Acetate	7.285	43	98052	45.022	ug/l #	91
38) Carbon Tetrachloride	8.091	117	305544	54.668	ug/l	99
39) Methylcyclohexane	9.350	83	333930	54.344	ug/l	97
40) Benzene	8.344	78	819951	51.600	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	60134	47.391	ug/l	88
42) 1,2-Dichloroethane	8.414	62	216725	49.016	ug/l	96
43) Isopropyl Acetate	8.444	43	190954	47.436	ug/l #	91
44) Trichloroethene	9.108	130	224139	52.894	ug/l	92
45) 1,2-Dichloropropane	9.379	63	197740	49.412	ug/l	99
46) Dibromomethane	9.467	93	107030	48.697	ug/l	95
47) Bromodichloromethane	9.655	83	276169	49.108	ug/l	98
48) Methyl methacrylate	9.450	41	97176	47.981	ug/l #	88
49) 1,4-Dioxane	9.455	88	21890	964.416	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	507039	242.512	ug/l	93
52) Toluene	10.397	92	539415	53.718	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	253498	49.895	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	306292	50.378	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	150711	50.708	ug/l	96
56) Ethyl methacrylate	10.655	69	173414	52.478	ug/l	84
57) 1,3-Dichloropropane	10.938	76	247673	49.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	372557	238.396	ug/l	93
59) 2-Hexanone	10.973	43	347889	252.382	ug/l	92
60) Dibromochloromethane	11.132	129	188143	50.767	ug/l	99
61) 1,2-Dibromoethane	11.238	107	143260	50.442	ug/l	97
64) Tetrachloroethene	10.867	164	182180	52.298	ug/l	95
65) Chlorobenzene	11.661	112	554699	50.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	210165	51.938	ug/l	99
67) Ethyl Benzene	11.732	91	1014292	52.956	ug/l	98
68) m/p-Xylenes	11.844	106	796960	107.098	ug/l	99
69) o-Xylene	12.167	106	366186	53.567	ug/l	95
70) Styrene	12.185	104	636807	54.145	ug/l	96
71) Bromoform	12.349	173	108325	52.015	ug/l #	100
73) Isopropylbenzene	12.467	105	987471	51.613	ug/l	99
74) N-amyl acetate	12.279	43	194651	46.637	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	163102	46.223	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	115244m	43.766	ug/l	
77) Bromobenzene	12.749	156	224004	49.738	ug/l	90
78) n-propylbenzene	12.808	91	1252714	52.155	ug/l	98
79) 2-Chlorotoluene	12.896	91	695001	50.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	853866	52.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	50905	46.410	ug/l	90
82) 4-Chlorotoluene	12.991	91	733440	50.456	ug/l	98
83) tert-Butylbenzene	13.208	119	699584	51.218	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	842288	52.608	ug/l	99
85) sec-Butylbenzene	13.385	105	1088093	52.171	ug/l	99
86) p-Isopropyltoluene	13.502	119	908921	53.462	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	460324	50.708	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	449041	49.002	ug/l	99
89) n-Butylbenzene	13.826	91	856238	52.857	ug/l	99
90) Hexachloroethane	14.096	117	178259	50.673	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	400063	50.935	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24943	46.160	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	232436	52.125	ug/l	99
94) Hexachlorobutadiene	15.243	225	134251	53.427	ug/l	98
95) Naphthalene	15.379	128	403849	46.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	207142	52.398	ug/l	98

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

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