

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073537.D
 Acq On : 13 Jun 2022 10:09
 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 13 15:29:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 06/14/2022

Supervised By :Semsetun
 Yesilyurt
 06/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	302859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	473251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	466221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244219	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.320	65	164709	50.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.360%	
35) Dibromofluoromethane	7.903	113	165991	54.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.100%	
50) Toluene-d8	10.332	98	627089	54.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.620	95	224858	53.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.660%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	127773	44.239	ug/l	97
3) Chloromethane	2.209	50	131175	44.286	ug/l	95
4) Vinyl Chloride	2.350	62	133867	48.202	ug/l	94
5) Bromomethane	2.762	94	100733	50.596	ug/l	99
6) Chloroethane	2.915	64	87820	49.622	ug/l	98
7) Trichlorofluoromethane	3.268	101	270771	49.756	ug/l	98
8) Diethyl Ether	3.709	74	73904	47.453	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	157480	50.598	ug/l	95
10) Methyl Iodide	4.297	142	173175	46.636	ug/l	100
11) Tert butyl alcohol	5.209	59	72277	90.466	ug/l #	92
12) 1,1-Dichloroethene	4.062	96	144557	48.917	ug/l	87
13) Acrolein	3.915	56	25300	176.744	ug/l	99
14) Allyl chloride	4.703	41	212846	48.381	ug/l #	93
15) Acrylonitrile	5.409	53	174440	249.427	ug/l	97
16) Acetone	4.150	43	142285	248.636	ug/l	90
17) Carbon Disulfide	4.403	76	449629	48.002	ug/l	100
18) Methyl Acetate	4.715	43	75177	46.693	ug/l #	87
19) Methyl tert-butyl Ether	5.479	73	363424	51.529	ug/l	92
20) Methylene Chloride	4.956	84	176379	49.132	ug/l #	79
21) trans-1,2-Dichloroethene	5.462	96	178687	49.985	ug/l	87
22) Diisopropyl ether	6.356	45	485246	51.114	ug/l #	94
23) Vinyl Acetate	6.297	43	1354098	262.925	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	300352	49.356	ug/l	99
25) 2-Butanone	7.203	43	207340	246.240	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	283373	51.939	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	196406	50.824	ug/l	90
28) Bromochloromethane	7.538	49	122668	51.360	ug/l #	73
29) Tetrahydrofuran	7.556	42	136188	253.540	ug/l #	87
30) Chloroform	7.703	83	337992	51.986	ug/l	97
31) Cyclohexane	7.979	56	257192	46.976	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	303463	52.972	ug/l	96
36) 1,1-Dichloropropene	8.109	75	248880	54.452	ug/l	96
37) Ethyl Acetate	7.285	43	96443	52.237	ug/l #	94
38) Carbon Tetrachloride	8.085	117	272215	56.932	ug/l	96
39) Methylcyclohexane	9.350	83	276295	51.873	ug/l	95
40) Benzene	8.344	78	707265	53.197	ug/l	100

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41) Methacrylonitrile	7.509	41	53827	53.776	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	203140	55.264	ug/l	95
43) Isopropyl Acetate	8.444	43	182140	51.276	ug/l #	90
44) Trichloroethene	9.103	130	197349	53.295	ug/l	91
45) 1,2-Dichloropropane	9.379	63	176958	53.729	ug/l	96
46) Dibromomethane	9.467	93	102524	55.258	ug/l	93
47) Bromodichloromethane	9.656	83	258109	55.519	ug/l	99
48) Methyl methacrylate	9.450	41	95692	54.384	ug/l	90
49) 1,4-Dioxane	9.456	88	22795	1068.189	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	490900	273.117	ug/l	92
52) Toluene	10.397	92	474303	55.624	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	240666	55.195	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	283265	55.470	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	141355	53.419	ug/l	98
56) Ethyl methacrylate	10.650	69	168916	55.715	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	232708	53.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	335081	268.816	ug/l	93
59) 2-Hexanone	10.973	43	354653	288.115	ug/l	93
60) Dibromochloromethane	11.132	129	182306	55.820	ug/l	100
61) 1,2-Dibromoethane	11.232	107	139534	55.342	ug/l	99
64) Tetrachloroethene	10.867	164	163923	51.645	ug/l	97
65) Chlorobenzene	11.661	112	506019	52.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	198788	54.618	ug/l	98
67) Ethyl Benzene	11.732	91	904788	53.974	ug/l	99
68) m/p-Xylenes	11.844	106	717320	109.041	ug/l	98
69) o-Xylene	12.167	106	330748	54.641	ug/l	95
70) Styrene	12.185	104	583012	55.838	ug/l	97
71) Bromoform	12.349	173	109778	55.161	ug/l #	98
73) Isopropylbenzene	12.467	105	882649	52.142	ug/l	99
74) N-amyl acetate	12.273	43	186367	49.490	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	162216	50.480	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	115154m	48.537	ug/l	
77) Bromobenzene	12.749	156	211859	51.247	ug/l	90
78) n-propylbenzene	12.808	91	1103528	52.373	ug/l	98
79) 2-Chlorotoluene	12.897	91	633817	51.750	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	775620	53.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	51913	51.359	ug/l	90
82) 4-Chlorotoluene	12.991	91	667177	51.671	ug/l	99
83) tert-Butylbenzene	13.208	119	639464	51.824	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	763422	52.391	ug/l	98
85) sec-Butylbenzene	13.385	105	975755	52.788	ug/l	99
86) p-Isopropyltoluene	13.502	119	812943	52.759	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	429349	50.862	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	428192	51.275	ug/l	99
89) n-Butylbenzene	13.826	91	763275	52.511	ug/l	98
90) Hexachloroethane	14.096	117	162316	50.867	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	378890	52.040	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	25961	50.584	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	223132	51.178	ug/l	100
94) Hexachlorobutadiene	15.249	225	119011	49.762	ug/l	98
95) Naphthalene	15.379	128	406433	46.405	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	197454	51.866	ug/l	99

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

