

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
 Data File : VD072493.D
 Acq On : 31 Mar 2022 17:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
 Supervised By :Semsettin Yesilyurt 04/01/2022

Quant Time: Apr 01 02:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	390248	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.856	114	625831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	578870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	291988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	192545	40.786	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.580%		
35) Dibromofluoromethane	7.903	113	212474	43.687	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.380%		
50) Toluene-d8	10.332	98	743004	43.949	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.900%		
62) 4-Bromofluorobenzene	12.626	95	288336	43.670	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	162277	52.396	ug/l	97
3) Chloromethane	2.209	50	153326	53.523	ug/l	93
4) Vinyl Chloride	2.350	62	167646	50.898	ug/l	99
5) Bromomethane	2.768	94	117567	53.259	ug/l	98
6) Chloroethane	2.921	64	114989	54.499	ug/l	96
7) Trichlorofluoromethane	3.273	101	363299	54.042	ug/l	97
8) Diethyl Ether	3.709	74	96531	48.320	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	232874	51.942	ug/l	97
10) Methyl Iodide	4.297	142	207789	49.742	ug/l	100
11) Tert butyl alcohol	5.209	59	52024	208.679	ug/l	98
12) 1,1-Dichloroethene	4.062	96	189729	54.129	ug/l	90
13) Acrolein	3.921	56	12596	113.856	ug/l	95
14) Allyl chloride	4.715	41	292688	47.608	ug/l #	91
15) Acrylonitrile	5.415	53	224327	224.533	ug/l	97
16) Acetone	4.150	43	173705	197.330	ug/l	97
17) Carbon Disulfide	4.403	76	393458	51.698	ug/l	99
18) Methyl Acetate	4.715	43	95029	38.319	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	493188	48.207	ug/l	97
20) Methylene Chloride	4.956	84	239114	45.628	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	222373	51.948	ug/l	93
22) Diisopropyl ether	6.356	45	706065	50.137	ug/l #	93
23) Vinyl Acetate	6.297	43	1770703	234.179	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	437545	51.560	ug/l	99
25) 2-Butanone	7.203	43	264834	217.533	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	386433	51.268	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	284717	53.499	ug/l	89
28) Bromochloromethane	7.538	49	173538	47.727	ug/l #	75
29) Tetrahydrofuran	7.556	42	163491	222.429	ug/l #	86
30) Chloroform	7.703	83	488769	51.202	ug/l	97
31) Cyclohexane	7.979	56	323424	52.395	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	432686	53.441	ug/l	95
36) 1,1-Dichloropropene	8.103	75	322807	51.894	ug/l	95
37) Ethyl Acetate	7.285	43	123273	47.835	ug/l #	93
38) Carbon Tetrachloride	8.091	117	374840	55.943	ug/l	97
39) Methylcyclohexane	9.350	83	367917	50.781	ug/l	94
40) Benzene	8.344	78	951615	56.025	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	77639	51.499	ug/l #	90
42) 1,2-Dichloroethane	8.420	62	271502	52.295	ug/l	96
43) Isopropyl Acetate	8.444	43	238019	48.150	ug/l #	91
44) Trichloroethene	9.108	130	263348	54.612	ug/l	95
45) 1,2-Dichloropropane	9.379	63	253763	53.707	ug/l	96
46) Dibromomethane	9.467	93	130576	52.674	ug/l	96
47) Bromodichloromethane	9.655	83	369114	51.829	ug/l	99
48) Methyl methacrylate	9.450	41	121149	50.480	ug/l #	86
49) 1,4-Dioxane	9.456	88	27504	932.704	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	624892	235.589	ug/l	92
52) Toluene	10.397	92	642038	56.898	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	324296	52.255	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	384528	52.406	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	195886	52.122	ug/l	94
56) Ethyl methacrylate	10.655	69	217556	47.150	ug/l #	80
57) 1,3-Dichloropropane	10.938	76	320762	51.627	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	446814	240.815	ug/l	93
59) 2-Hexanone	10.979	43	424032	235.086	ug/l	92
60) Dibromochloromethane	11.132	129	248767	51.315	ug/l	99
61) 1,2-Dibromoethane	11.238	107	172531	51.706	ug/l	97
64) Tetrachloroethene	10.867	164	208136	55.032	ug/l	95
65) Chlorobenzene	11.661	112	694029	53.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	277071	53.548	ug/l	98
67) Ethyl Benzene	11.738	91	1254486	55.551	ug/l	98
68) m/p-Xylenes	11.844	106	970034	113.224	ug/l	99
69) o-Xylene	12.173	106	460044	55.654	ug/l	96
70) Styrene	12.185	104	809483	55.565	ug/l	97
71) Bromoform	12.349	173	137924	50.282	ug/l #	99
73) Isopropylbenzene	12.473	105	1284885	54.488	ug/l	100
74) N-amyl acetate	12.279	43	233651	47.223	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	207786	46.520	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	159741m	50.160	ug/l	
77) Bromobenzene	12.749	156	277173	52.441	ug/l	91
78) n-propylbenzene	12.808	91	1551489	54.538	ug/l	99
79) 2-Chlorotoluene	12.896	91	893711	53.719	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1083401	53.644	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	63899	49.236	ug/l	88
82) 4-Chlorotoluene	12.996	91	922113	53.219	ug/l	98
83) tert-Butylbenzene	13.214	119	949738	54.320	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1072469	54.305	ug/l	100
85) sec-Butylbenzene	13.391	105	1419379	53.895	ug/l	98
86) p-Isopropyltoluene	13.502	119	1181013	54.864	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	577046	52.688	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	561002	50.823	ug/l	99
89) n-Butylbenzene	13.832	91	1105809	53.925	ug/l	98
90) Hexachloroethane	14.096	117	229149	51.999	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	504609	52.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32272	48.854	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	313258	52.318	ug/l	99
94) Hexachlorobutadiene	15.255	225	177239	52.846	ug/l	98
95) Naphthalene	15.385	128	545176	46.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	267415	51.171	ug/l	99

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

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