

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072160.D
 Acq On : 14 Mar 2022 10:42
 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: Mar 15 01:21:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
 Supervised By :Semsettin Yesilyurt 03/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	414365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	591529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204957	44.384	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.760%		
35) Dibromofluoromethane	7.909	113	208163	45.858	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.720%		
50) Toluene-d8	10.332	98	770573	46.426	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.620	95	306606	47.542	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	193431	50.470	ug/l	95
3) Chloromethane	2.209	50	188103	55.232	ug/l	96
4) Vinyl Chloride	2.350	62	187466	57.025	ug/l	100
5) Bromomethane	2.774	94	120728	56.397	ug/l	97
6) Chloroethane	2.921	64	124251	57.166	ug/l	98
7) Trichlorofluoromethane	3.273	101	388946	52.390	ug/l	100
8) Diethyl Ether	3.709	74	102189	49.839	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	241501	51.017	ug/l	95
10) Methyl Iodide	4.303	142	225732	53.083	ug/l	98
11) Tert butyl alcohol	5.226	59	56829	212.247	ug/l	99
12) 1,1-Dichloroethene	4.073	96	208199	54.670	ug/l	90
13) Acrolein	3.915	56	49970	209.151	ug/l	99
14) Allyl chloride	4.715	41	348216	52.296	ug/l	95
15) Acrylonitrile	5.415	53	249638	241.293	ug/l	98
16) Acetone	4.150	43	238164	237.539	ug/l	98
17) Carbon Disulfide	4.409	76	492393	55.274	ug/l	100
18) Methyl Acetate	4.715	43	103569	42.152	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	513448	49.604	ug/l	98
20) Methylene Chloride	4.962	84	258498	52.398	ug/l	89
21) trans-1,2-Dichloroethene	5.468	96	237518	56.388	ug/l	95
22) Diisopropyl ether	6.362	45	797140	52.487	ug/l	95
23) Vinyl Acetate	6.303	43	2095693	270.380	ug/l	97
24) 1,1-Dichloroethane	6.262	63	470301	52.507	ug/l	99
25) 2-Butanone	7.209	43	319013	238.635	ug/l	98
26) 2,2-Dichloropropane	7.203	77	418289	51.758	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	283037	52.632	ug/l	94
28) Bromochloromethane	7.544	49	185017	51.310	ug/l	85
29) Tetrahydrofuran	7.561	42	189085	240.545	ug/l	95
30) Chloroform	7.709	83	490138	51.366	ug/l	98
31) Cyclohexane	7.979	56	390815	54.169	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	438896	51.788	ug/l	97
36) 1,1-Dichloropropene	8.109	75	354982	55.745	ug/l	99
37) Ethyl Acetate	7.291	43	131255	47.054	ug/l #	97
38) Carbon Tetrachloride	8.097	117	382798	52.883	ug/l	99
39) Methylcyclohexane	9.350	83	407111	56.812	ug/l	98
40) Benzene	8.350	78	992515	54.632	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	83167	51.153	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	286644	52.013	ug/l	97
43) Isopropyl Acetate	8.450	43	263607	48.688	ug/l	93
44) Trichloroethene	9.108	130	274703	53.862	ug/l	96
45) 1,2-Dichloropropane	9.385	63	263110	52.808	ug/l	97
46) Dibromomethane	9.473	93	130796	53.367	ug/l	94
47) Bromodichloromethane	9.656	83	375353	52.535	ug/l	99
48) Methyl methacrylate	9.450	41	133329	51.574	ug/l	92
49) 1,4-Dioxane	9.456	88	26656	906.974	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	669957	235.597	ug/l	95
52) Toluene	10.397	92	644885	53.945	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	338008	51.779	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	404328	53.580	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	187442	50.205	ug/l	98
56) Ethyl methacrylate	10.655	69	216587	49.528	ug/l	89
57) 1,3-Dichloropropane	10.938	76	318148	50.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	496471	252.497	ug/l	95
59) 2-Hexanone	10.979	43	468849	238.718	ug/l	97
60) Dibromochloromethane	11.132	129	241630	49.876	ug/l	100
61) 1,2-Dibromoethane	11.238	107	172377	51.095	ug/l	98
64) Tetrachloroethene	10.873	164	225601	54.130	ug/l	97
65) Chlorobenzene	11.661	112	694972	52.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	265116	51.123	ug/l	100
67) Ethyl Benzene	11.738	91	1258778	53.743	ug/l	98
68) m/p-Xylenes	11.844	106	987080	110.985	ug/l	98
69) o-Xylene	12.173	106	460535	54.136	ug/l	97
70) Styrene	12.185	104	795661	53.561	ug/l	98
71) Bromoform	12.355	173	135049	48.752	ug/l #	99
73) Isopropylbenzene	12.473	105	1287365	54.769	ug/l	99
74) N-amyl acetate	12.279	43	249578	49.408	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	198751	47.278	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	165307m	50.522	ug/l	
77) Bromobenzene	12.755	156	279371	52.806	ug/l	92
78) n-propylbenzene	12.814	91	1564789	54.807	ug/l	98
79) 2-Chlorotoluene	12.897	91	880923	53.359	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1076038	53.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	64138	48.635	ug/l	90
82) 4-Chlorotoluene	12.996	91	907596	53.093	ug/l	99
83) tert-Butylbenzene	13.214	119	938917	53.034	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1054493	52.997	ug/l	99
85) sec-Butylbenzene	13.391	105	1412777	53.139	ug/l	98
86) p-Isopropyltoluene	13.502	119	1173579	53.643	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	581604	52.454	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	569058	51.757	ug/l	99
89) n-Butylbenzene	13.832	91	1132381	54.303	ug/l	98
90) Hexachloroethane	14.096	117	224614	52.384	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	498805	51.598	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	31506	46.960	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	324400	50.686	ug/l	100
94) Hexachlorobutadiene	15.255	225	188443	50.616	ug/l	98
95) Naphthalene	15.385	128	540476	48.989	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	276537	49.917	ug/l	100

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

