

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072307.D
 Acq On : 18 Mar 2022 23:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 05:30:54 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 : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	321030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	537073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	506926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207813	58.086	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.180%			
35) Dibromofluoromethane	7.908	113	202093	53.472	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.940%			
50) Toluene-d8	10.332	98	724841	52.451	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.620	95	279723	52.094	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	121192	40.815	ug/l	97
3) Chloromethane	2.209	50	138944	52.659	ug/l	96
4) Vinyl Chloride	2.344	62	130966	51.421	ug/l	98
5) Bromomethane	2.762	94	93737	56.519	ug/l	95
6) Chloroethane	2.920	64	91458	54.312	ug/l	98
7) Trichlorofluoromethane	3.273	101	255366	44.398	ug/l	95
8) Diethyl Ether	3.709	74	82851	52.155	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	159714	43.549	ug/l	97
10) Methyl Iodide	4.297	142	123960	38.274	ug/l	100
11) Tert butyl alcohol	5.226	59	51527	248.396	ug/l	100
12) 1,1-Dichloroethene	4.067	96	136448	46.246	ug/l	97
13) Acrolein	3.920	56	45173	244.043	ug/l	97
14) Allyl chloride	4.709	41	258132	50.038	ug/l	96
15) Acrylonitrile	5.414	53	224999	280.706	ug/l	98
16) Acetone	4.156	43	165668	213.272	ug/l	96
17) Carbon Disulfide	4.409	76	325949	47.446	ug/l	100
18) Methyl Acetate	4.714	43	106150	55.763	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	426194	53.145	ug/l	99
20) Methylene Chloride	4.961	84	210827	55.548	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	167451	51.311	ug/l	95
22) Diisopropyl ether	6.361	45	641256	54.498	ug/l	95
23) Vinyl Acetate	6.303	43	1696100	282.446	ug/l	96
24) 1,1-Dichloroethane	6.261	63	355321	51.204	ug/l	99
25) 2-Butanone	7.208	43	272129	262.747	ug/l	95
26) 2,2-Dichloropropane	7.208	77	263955	42.157	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	213986	51.360	ug/l	94
28) Bromochloromethane	7.544	49	171018	61.217	ug/l	87
29) Tetrahydrofuran	7.561	42	179711	295.088	ug/l	96
30) Chloroform	7.703	83	379769	51.371	ug/l	97
31) Cyclohexane	7.979	56	249687	44.670	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	310812	47.337	ug/l	97
36) 1,1-Dichloropropene	8.108	75	244459	46.107	ug/l	97
37) Ethyl Acetate	7.291	43	125333	53.964	ug/l #	96
38) Carbon Tetrachloride	8.091	117	259675	43.086	ug/l	96
39) Methylcyclohexane	9.349	83	263439	44.154	ug/l	97
40) Benzene	8.350	78	753214	49.796	ug/l	98

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41) Methacrylonitrile	7.520	41	74002	54.666	ug/l	92
42) 1,2-Dichloroethane	8.420	62	239232	52.137	ug/l	99
43) Isopropyl Acetate	8.450	43	244142	54.159	ug/l	97
44) Trichloroethene	9.108	130	196888	46.366	ug/l	93
45) 1,2-Dichloropropane	9.379	63	206200	49.706	ug/l	96
46) Dibromomethane	9.473	93	108835	53.335	ug/l	96
47) Bromodichloromethane	9.655	83	292842	49.227	ug/l	100
48) Methyl methacrylate	9.449	41	111904	51.989	ug/l #	84
49) 1,4-Dioxane	9.455	88	24725	1010.407	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	666050	281.313	ug/l	96
52) Toluene	10.396	92	486010	48.829	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	267888	49.288	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	306679	48.810	ug/l	91
55) 1,1,2-Trichloroethane	10.796	97	158061	50.847	ug/l	98
56) Ethyl methacrylate	10.655	69	197754	54.313	ug/l	90
57) 1,3-Dichloropropane	10.938	76	275853	52.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	445336	272.026	ug/l	97
59) 2-Hexanone	10.979	43	448087	274.015	ug/l	96
60) Dibromochloromethane	11.132	129	200167	49.624	ug/l	100
61) 1,2-Dibromoethane	11.238	107	146058	51.998	ug/l	98
64) Tetrachloroethene	10.873	164	157404	44.070	ug/l	95
65) Chlorobenzene	11.661	112	530633	47.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	208925	47.012	ug/l	98
67) Ethyl Benzene	11.738	91	939770	46.820	ug/l	100
68) m/p-Xylenes	11.843	106	713027	93.552	ug/l	99
69) o-Xylene	12.173	106	349049	47.878	ug/l	99
70) Styrene	12.185	104	622780	48.920	ug/l	98
71) Bromoform	12.355	173	117766	49.608	ug/l #	99
73) Isopropylbenzene	12.473	105	931985	46.250	ug/l	99
74) N-amyl acetate	12.279	43	230218	53.162	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	189012	52.445	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	143618m	51.200	ug/l	
77) Bromobenzene	12.749	156	223248	49.222	ug/l	91
78) n-propylbenzene	12.808	91	1128582	46.109	ug/l	99
79) 2-Chlorotoluene	12.896	91	670128	47.347	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	794399	45.888	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	54294	48.024	ug/l	94
82) 4-Chlorotoluene	12.996	91	686334	46.833	ug/l	100
83) tert-Butylbenzene	13.214	119	692400	45.620	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	781714	45.828	ug/l	98
85) sec-Butylbenzene	13.390	105	1010289	44.325	ug/l	100
86) p-Isopropyltoluene	13.502	119	832497	44.387	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	429398	45.174	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	428639	45.475	ug/l	99
89) n-Butylbenzene	13.832	91	764195	42.747	ug/l	99
90) Hexachloroethane	14.096	117	165806	45.106	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	394722	47.629	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	30800	53.550	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	237156	43.223	ug/l	98
94) Hexachlorobutadiene	15.249	225	130354	40.842	ug/l	98
95) Naphthalene	15.384	128	470328	49.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	216203	45.523	ug/l	99

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

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