

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071873.D
 Acq On : 02 Feb 2022 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/03/2022
 Supervised By :Mahesh Dadoda 02/07/2022

Quant Time: Feb 03 01:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	410361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	673210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	625974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296816	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	277880	53.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.140%	
35) Dibromofluoromethane	7.914	113	248891	56.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.480%	
50) Toluene-d8	10.338	98	958940	58.024	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.040%	
62) 4-Bromofluorobenzene	12.626	95	321180	55.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.300%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	239682	49.254	ug/l	98
3) Chloromethane	2.215	50	284093	48.762	ug/l	98
4) Vinyl Chloride	2.356	62	300503	49.267	ug/l	100
5) Bromomethane	2.773	94	192539	47.842	ug/l	97
6) Chloroethane	2.926	64	195300	50.525	ug/l	100
7) Trichlorofluoromethane	3.279	101	429110	49.090	ug/l	94
8) Diethyl Ether	3.709	74	114086	49.463	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	245603	49.802	ug/l	99
10) Methyl Iodide	4.303	142	250225	49.494	ug/l	99
11) Tert butyl alcohol	5.226	59	60549	185.184	ug/l	96
12) 1,1-Dichloroethene	4.073	96	228910	50.775	ug/l	95
13) Acrolein	3.926	56	98083	212.906	ug/l	99
14) Allyl chloride	4.715	41	443657	51.626	ug/l	100
15) Acrylonitrile	5.420	53	279998	238.855	ug/l	98
16) Acetone	4.156	43	397646	280.067	ug/l	99
17) Carbon Disulfide	4.415	76	769815	48.970	ug/l	100
18) Methyl Acetate	4.720	43	128897	41.989	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	534894	49.595	ug/l	98
20) Methylene Chloride	4.962	84	252867	48.696	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	266824	50.839	ug/l	98
22) Diisopropyl ether	6.362	45	877669	52.108	ug/l	99
23) Vinyl Acetate	6.303	43	2414605	259.869	ug/l	99
24) 1,1-Dichloroethane	6.267	63	508140	51.760	ug/l	99
25) 2-Butanone	7.209	43	419684	253.555	ug/l	97
26) 2,2-Dichloropropane	7.209	77	426794	52.535	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	290718	51.572	ug/l	99
28) Bromochloromethane	7.544	49	180971	48.873	ug/l	100
29) Tetrahydrofuran	7.561	42	231887	236.774	ug/l	99
30) Chloroform	7.709	83	502944	50.146	ug/l	97
31) Cyclohexane	7.985	56	479798	48.455	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	456147	51.563	ug/l	98
36) 1,1-Dichloropropene	8.108	75	398068	52.411	ug/l	99
37) Ethyl Acetate	7.291	43	166677	47.201	ug/l	99
38) Carbon Tetrachloride	8.097	117	397433	52.913	ug/l	97
39) Methylcyclohexane	9.350	83	470345	53.445	ug/l	96
40) Benzene	8.350	78	1064067	51.900	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	94510	47.309	ug/l	96
42) 1,2-Dichloroethane	8.420	62	328536	50.747	ug/l	100
43) Isopropyl Acetate	8.450	43	312143	49.182	ug/l	98
44) Trichloroethene	9.108	130	273812	51.725	ug/l	98
45) 1,2-Dichloropropane	9.385	63	274240	51.876	ug/l	100
46) Dibromomethane	9.473	93	140013	50.583	ug/l	99
47) Bromodichloromethane	9.655	83	378180	51.660	ug/l	99
48) Methyl methacrylate	9.455	41	165693	49.330	ug/l	98
49) 1,4-Dioxane	9.455	88	29444	931.949	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	826167	248.751	ug/l	99
52) Toluene	10.397	92	695047	54.518	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	348017	51.761	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	412430	52.330	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	180805	49.217	ug/l	98
56) Ethyl methacrylate	10.655	69	234204	51.491	ug/l	99
57) 1,3-Dichloropropane	10.944	76	334606	51.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	547606	255.751	ug/l	99
59) 2-Hexanone	10.979	43	636096	263.874	ug/l	98
60) Dibromochloromethane	11.132	129	231487	51.028	ug/l	99
61) 1,2-Dibromoethane	11.238	107	177519	50.154	ug/l	98
64) Tetrachloroethene	10.873	164	234491	52.958	ug/l	94
65) Chlorobenzene	11.661	112	691519	52.218	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	246996	51.268	ug/l	99
67) Ethyl Benzene	11.738	91	1315412	53.982	ug/l	99
68) m/p-Xylenes	11.849	106	1004313	108.357	ug/l	99
69) o-Xylene	12.173	106	458711	54.460	ug/l	99
70) Styrene	12.185	104	785792	54.125	ug/l	100
71) Bromoform	12.349	173	129427	50.316	ug/l #	98
73) Isopropylbenzene	12.473	105	1245389	54.185	ug/l	100
74) N-amyl acetate	12.279	43	293305	51.892	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	203101	47.752	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	139521m	44.603	ug/l	
77) Bromobenzene	12.749	156	259633	50.782	ug/l	98
78) n-propylbenzene	12.814	91	1564499	54.286	ug/l	99
79) 2-Chlorotoluene	12.896	91	866584	53.061	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1035816	54.334	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	62669	49.260	ug/l	99
82) 4-Chlorotoluene	12.996	91	902840	53.135	ug/l	99
83) tert-Butylbenzene	13.214	119	868183	54.951	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1019619	54.372	ug/l	100
85) sec-Butylbenzene	13.391	105	1340020	54.205	ug/l	100
86) p-Isopropyltoluene	13.502	119	1110856	55.298	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	538535	51.873	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	521301	50.313	ug/l	100
89) n-Butylbenzene	13.832	91	1068655	54.221	ug/l	100
90) Hexachloroethane	14.096	117	217712	54.522	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	455438	51.262	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32177	45.680	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	270369	52.093	ug/l	99
94) Hexachlorobutadiene	15.249	225	145037	51.250	ug/l	98
95) Naphthalene	15.385	128	489199	47.520	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	230333	51.776	ug/l	99

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

