

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072661.D
 Acq On : 21 Apr 2022 10:11
 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: Apr 21 14:51:20 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

04/22/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	367566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	600897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	569604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	288721	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	228666	51.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.860%	
35) Dibromofluoromethane	7.908	113	245078	52.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.332	98	816841	50.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.620	95	326412	51.488	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.980%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	120122	41.178	ug/l	97
3) Chloromethane	2.209	50	133172	49.356	ug/l	98
4) Vinyl Chloride	2.350	62	136948	44.270	ug/l	98
5) Bromomethane	2.756	94	101040	48.596	ug/l	100
6) Chloroethane	2.915	64	97160	48.891	ug/l	96
7) Trichlorofluoromethane	3.273	101	295096	46.606	ug/l	100
8) Diethyl Ether	3.709	74	91210	48.474	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	193179	45.747	ug/l	96
10) Methyl Iodide	4.303	142	168003	43.228	ug/l	97
11) Tert butyl alcohol	5.203	59	100138	426.461	ug/l #	82
12) 1,1-Dichloroethene	4.067	96	155884	47.217	ug/l	89
13) Acrolein	3.926	56	28659	275.036	ug/l	95
14) Allyl chloride	4.714	41	261844	45.276	ug/l #	92
15) Acrylonitrile	5.420	53	238655	253.614	ug/l	98
16) Acetone	4.156	43	232829	280.817	ug/l	91
17) Carbon Disulfide	4.409	76	307317	43.490	ug/l	98
18) Methyl Acetate	4.714	43	108621	46.503	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	495343	51.405	ug/l	100
20) Methylene Chloride	4.962	84	245222	49.681	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	190196	47.242	ug/l	87
22) Diisopropyl ether	6.361	45	671150	50.599	ug/l #	91
23) Vinyl Acetate	6.303	43	1761195	246.943	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	389668	48.752	ug/l	99
25) 2-Butanone	7.208	43	309058	269.523	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	350130	49.318	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	247765	49.429	ug/l	91
28) Bromochloromethane	7.544	49	197389	57.636	ug/l #	77
29) Tetrahydrofuran	7.561	42	177762	256.769	ug/l	89
30) Chloroform	7.708	83	447733	49.797	ug/l	93
31) Cyclohexane	7.979	56	268109	46.114	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	371779	48.752	ug/l	96
36) 1,1-Dichloropropene	8.108	75	271276	45.560	ug/l	96
37) Ethyl Acetate	7.291	43	127715	51.615	ug/l #	96
38) Carbon Tetrachloride	8.091	117	320376	49.799	ug/l	99
39) Methylcyclohexane	9.350	83	299372	43.474	ug/l	95
40) Benzene	8.344	78	833187	51.088	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	64695	44.913	ug/l	#	71
42) 1,2-Dichloroethane	8.414	62	255734	51.302	ug/l		96
43) Isopropyl Acetate	8.450	43	246921	52.023	ug/l	#	91
44) Trichloroethene	9.108	130	233140	50.353	ug/l		90
45) 1,2-Dichloropropane	9.379	63	231434	51.013	ug/l		95
46) Dibromomethane	9.467	93	125045	52.536	ug/l		97
47) Bromodichloromethane	9.655	83	346551	50.680	ug/l	#	98
48) Methyl methacrylate	9.450	41	115141	49.967	ug/l	#	80
49) 1,4-Dioxane	9.450	88	30584	1080.188	ug/l		91
51) 4-Methyl-2-Pentanone	10.220	43	683091	268.217	ug/l		92
52) Toluene	10.397	92	553185	51.058	ug/l		96
53) t-1,3-Dichloropropene	10.614	75	310802	52.159	ug/l		97
54) cis-1,3-Dichloropropene	10.085	75	360069	51.109	ug/l	#	86
55) 1,1,2-Trichloroethane	10.791	97	186931	51.803	ug/l		97
56) Ethyl methacrylate	10.655	69	221334	49.888	ug/l	#	82
57) 1,3-Dichloropropane	10.938	76	303238	50.832	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	484857	272.162	ug/l		94
59) 2-Hexanone	10.973	43	489744	282.784	ug/l		91
60) Dibromochloromethane	11.132	129	238361	51.209	ug/l		98
61) 1,2-Dibromoethane	11.238	107	169053	52.766	ug/l		98
64) Tetrachloroethene	10.867	164	181645	48.809	ug/l		96
65) Chlorobenzene	11.661	112	629910	49.463	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	255538	50.190	ug/l		98
67) Ethyl Benzene	11.738	91	1087561	48.943	ug/l		96
68) m/p-Xylenes	11.844	106	845114	100.248	ug/l		100
69) o-Xylene	12.173	106	406691	50.000	ug/l		95
70) Styrene	12.185	104	718172	50.099	ug/l		97
71) Bromoform	12.349	173	138859	51.446	ug/l	#	99
73) Isopropylbenzene	12.467	105	1105378	47.406	ug/l		100
74) N-amyl acetate	12.279	43	243339	49.738	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.720	83	213847	48.419	ug/l		98
76) 1,2,3-Trichloropropane	12.767	75	158338m	50.282	ug/l		
77) Bromobenzene	12.749	156	252325	48.280	ug/l		93
78) n-propylbenzene	12.808	91	1345882	47.846	ug/l		98
79) 2-Chlorotoluene	12.896	91	785799	47.768	ug/l		97
80) 1,3,5-Trimethylbenzene	12.949	105	944732	47.307	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.514	75	65708	51.202	ug/l		87
82) 4-Chlorotoluene	12.990	91	816054	47.631	ug/l		98
83) tert-Butylbenzene	13.208	119	826808	47.824	ug/l		96
84) 1,2,4-Trimethylbenzene	13.255	105	930703	47.660	ug/l		99
85) sec-Butylbenzene	13.385	105	1229164	47.201	ug/l		100
86) p-Isopropyltoluene	13.502	119	1004235	47.179	ug/l		100
87) 1,3-Dichlorobenzene	13.502	146	515612	47.611	ug/l		100
88) 1,4-Dichlorobenzene	13.579	146	505350	46.299	ug/l		100
89) n-Butylbenzene	13.826	91	953369	47.017	ug/l		99
90) Hexachloroethane	14.096	117	205618	47.187	ug/l		97
91) 1,2-Dichlorobenzene	13.873	146	454557	47.589	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	32993	50.511	ug/l		92
93) 1,2,4-Trichlorobenzene	15.143	180	279974	47.288	ug/l		99
94) Hexachlorobutadiene	15.249	225	154605	46.619	ug/l		97
95) Naphthalene	15.379	128	525960	45.719	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	251172	48.607	ug/l		100

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

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