

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064788.D
 Acq On : 07 Jan 2020 12:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:26:23 AM

Quant Time: Jan 08 07:48:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	360344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	525071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	464013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	230455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	173478	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.91	113	172871	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	10.34	98	661460	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.64	95	208908	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	124385	44.417	ug/l	98
3) Chloromethane	2.21	50	188843	48.217	ug/l	100
4) Vinyl Chloride	2.35	62	224933	47.103	ug/l	98
5) Bromomethane	2.77	94	159467	45.928	ug/l	97
6) Chloroethane	2.92	64	155819	48.698	ug/l	98
7) Trichlorofluoromethane	3.27	101	370851	46.123	ug/l	98
8) Diethyl Ether	3.70	74	77662	48.640	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	157090	47.175	ug/l	99
10) Methyl Iodide	4.29	142	188087	52.584	ug/l	98
11) Tert butyl alcohol	5.24	59	48682	267.334	ug/l	96
12) 1,1-Dichloroethene	4.06	96	153569	48.441	ug/l	99
13) Acrolein	3.92	56	55779	219.787	ug/l	99
14) Allyl chloride	4.70	41	258146	52.226	ug/l	99
15) Acrylonitrile	5.43	53	169971	255.569	ug/l	99
16) Acetone	4.16	43	195967	299.365	ug/l	94
17) Carbon Disulfide	4.40	76	470365	45.885	ug/l	97
18) Methyl Acetate	4.72	43	87389	48.851	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	362355	51.459	ug/l	94
20) Methylene Chloride	4.96	84	177376	55.079	ug/l	99
21) trans-1,2-Dichloroethene	5.46	96	183176	50.735	ug/l	98
22) Diisopropyl ether	6.36	45	523530	53.102	ug/l	98
23) Vinyl Acetate	6.30	43	1474510	263.655	ug/l	100
24) 1,1-Dichloroethane	6.26	63	313287	52.933	ug/l	98
25) 2-Butanone	7.21	43	235302	269.406	ug/l	100
26) 2,2-Dichloropropane	7.20	77	287689	52.280	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	203898	52.329	ug/l	99
28) Bromochloromethane	7.54	49	123559	53.704	ug/l	99
29) Tetrahydrofuran	7.57	42	134735	248.061	ug/l	98
30) Chloroform	7.71	83	332526	53.550	ug/l	95
31) Cyclohexane	7.98	56	264169	44.589	ug/l	89
32) 1,1,1-Trichloroethane	7.90	97	298629	51.201	ug/l	98
36) 1,1-Dichloropropene	8.11	75	249940	49.456	ug/l	99
37) Ethyl Acetate	7.29	43	95065	47.882	ug/l	98
38) Carbon Tetrachloride	8.09	117	275110	51.052	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	285739	46.681	ug/l	97
40) Benzene	8.35	78	708002	51.318	ug/l	97
41) Methacrylonitrile	7.53	41	61809m	53.657	ug/l	
42) 1,2-Dichloroethane	8.43	62	208457	52.287	ug/l	99
43) Isopropyl Acetate	8.46	43	191767	48.527	ug/l	98
44) Trichloroethene	9.11	130	201369	49.685	ug/l	98
45) 1,2-Dichloropropane	9.38	63	172482	52.362	ug/l	97
46) Dibromomethane	9.48	93	92872	50.569	ug/l	100
47) Bromodichloromethane	9.66	83	253668	51.907	ug/l	98
48) Methyl methacrylate	9.46	41	90009	48.374	ug/l	92
49) 1,4-Dioxane	9.47	88	19821	935.986	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	486985	249.318	ug/l	100
52) Toluene	10.40	92	462969	51.149	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	238137	52.266	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	280999	52.304	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	124947	50.483	ug/l	95
56) Ethyl methacrylate	10.66	69	155320	50.248	ug/l	99
57) 1,3-Dichloropropane	10.95	76	219240	51.446	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	258318	219.349	ug/l	98
59) 2-Hexanone	10.98	43	354999	267.778	ug/l	99
60) Dibromochloromethane	11.14	129	173544	50.704	ug/l	99
61) 1,2-Dibromoethane	11.25	107	122441	50.156	ug/l	99
64) Tetrachloroethene	10.87	164	172446	48.442	ug/l	98
65) Chlorobenzene	11.67	112	491972	51.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	187321	51.596	ug/l	99
67) Ethyl Benzene	11.75	91	885612	50.664	ug/l	95
68) m/p-Xylenes	11.85	106	693868	102.842	ug/l	99
69) o-Xylene	12.18	106	308280	50.586	ug/l	99
70) Styrene	12.20	104	552049	51.608	ug/l	99
71) Bromoform	12.37	173	101682	49.112	ug/l	98
73) Isopropylbenzene	12.48	105	848909	51.546	ug/l	100
74) N-amyl acetate	12.29	43	173535	49.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	127982	49.469	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	81594m	44.836	ug/l	
77) Bromobenzene	12.77	156	208107	51.427	ug/l	98
78) n-propylbenzene	12.83	91	991626	51.612	ug/l	100
79) 2-Chlorotoluene	12.91	91	542160	51.368	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	703612	52.010	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	45029	51.751	ug/l	97
82) 4-Chlorotoluene	13.01	91	571273	50.861	ug/l	100
83) tert-Butylbenzene	13.23	119	598049	50.915	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	702751	52.159	ug/l	98
85) sec-Butylbenzene	13.41	105	824260	51.186	ug/l	99
86) p-Isopropyltoluene	13.53	119	788137	51.186	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	391832	50.793	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	383138	50.558	ug/l	99
89) n-Butylbenzene	13.85	91	714025	51.494	ug/l	99
90) Hexachloroethane	14.12	117	152328	51.790	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	326331	49.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19668	46.896	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	237567	49.049	ug/l	100
94) Hexachlorobutadiene	15.28	225	144391	47.375	ug/l	98
95) Naphthalene	15.41	128	379736	49.559	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	204441	49.443	ug/l	100

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

