

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064002.D
 Acq On : 18 Oct 2019 10:54
 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: Oct 19 01:48:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	178981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	279633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	280268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	155797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	87733	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.92	113	89734	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.34	98	375138	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.64	95	128234	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	56978	44.890	ug/l 95
3) Chloromethane	2.21	50	187300	55.073	ug/l 99
4) Vinyl Chloride	2.35	62	221418	53.973	ug/l 98
5) Bromomethane	2.77	94	127373	48.295	ug/l 97
6) Chloroethane	2.92	64	144200	53.151	ug/l 90
7) Trichlorofluoromethane	3.27	101	313068	57.720	ug/l 96
8) Diethyl Ether	3.70	74	40684	46.732	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	74774	49.803	ug/l 95
10) Methyl Iodide	4.29	142	91243	44.104	ug/l 99
11) Tert butyl alcohol	5.26	59	23212m	189.815	ug/l
12) 1,1-Dichloroethene	4.06	96	69216	46.144	ug/l 92
13) Acrolein	3.93	56	32507	208.872	ug/l 92
14) Allyl chloride	4.71	41	124994	50.121	ug/l 99
15) Acrylonitrile	5.43	53	98249	255.973	ug/l 100
16) Acetone	4.17	43	119902	264.293	ug/l 97
17) Carbon Disulfide	4.40	76	244493	44.839	ug/l 98
18) Methyl Acetate	4.72	43	44070	49.666	ug/l 98
19) Methyl tert-butyl Ether	5.49	73	190423	49.024	ug/l 96
20) Methylene Chloride	4.96	84	99621	49.456	ug/l 97
21) trans-1,2-Dichloroethene	5.47	96	96077	51.452	ug/l 98
22) Diisopropyl ether	6.37	45	267245	52.470	ug/l 91
23) Vinyl Acetate	6.31	43	779329	257.212	ug/l 98
24) 1,1-Dichloroethane	6.27	63	163222	52.027	ug/l 97
25) 2-Butanone	7.22	43	142869	265.729	ug/l 97
26) 2,2-Dichloropropane	7.21	77	147255	51.888	ug/l 98
27) cis-1,2-Dichloroethene	7.21	96	113126	53.523	ug/l 96
28) Bromochloromethane	7.55	49	65894	55.050	ug/l 98
29) Tetrahydrofuran	7.57	42	75584	240.854	ug/l 99
30) Chloroform	7.71	83	173228	50.838	ug/l 94
31) Cyclohexane	7.98	56	151940	59.322	ug/l 99
32) 1,1,1-Trichloroethane	7.90	97	159144	54.447	ug/l 98
36) 1,1-Dichloropropene	8.11	75	139430	54.534	ug/l 96
37) Ethyl Acetate	7.31	43	50537	49.233	ug/l 97
38) Carbon Tetrachloride	8.10	117	141523	54.775	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	171718	54.623	ug/l	92
40) Benzene	8.36	78	397497	54.252	ug/l	98
41) Methacrylonitrile	7.53	41	26497	44.700	ug/l	94
42) 1,2-Dichloroethane	8.43	62	110205	51.998	ug/l	100
43) Isopropyl Acetate	8.46	43	102327	47.723	ug/l	98
44) Trichloroethene	9.11	130	111725	52.880	ug/l	93
45) 1,2-Dichloropropane	9.39	63	92680	51.679	ug/l	94
46) Dibromomethane	9.47	93	55994	54.824	ug/l	97
47) Bromodichloromethane	9.67	83	137206	52.178	ug/l	97
48) Methyl methacrylate	9.46	41	47878	46.603	ug/l	99
49) 1,4-Dioxane	9.46	88	13843	992.949	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	280239	252.009	ug/l	97
52) Toluene	10.40	92	282380	56.142	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	134450	52.397	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	158414	53.632	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	78296	54.293	ug/l	91
56) Ethyl methacrylate	10.66	69	95046	52.046	ug/l	97
57) 1,3-Dichloropropane	10.95	76	133809	54.232	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	210082	267.630	ug/l	98
59) 2-Hexanone	10.98	43	213126	264.949	ug/l	99
60) Dibromochloromethane	11.14	129	103105	54.917	ug/l	98
61) 1,2-Dibromoethane	11.25	107	77476	55.417	ug/l	99
64) Tetrachloroethene	10.88	164	103836	54.270	ug/l	95
65) Chlorobenzene	11.67	112	312921	55.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	114124	55.026	ug/l	99
67) Ethyl Benzene	11.74	91	566307	55.797	ug/l	98
68) m/p-Xylenes	11.86	106	456537	116.540	ug/l	95
69) o-Xylene	12.18	106	207173	55.230	ug/l	97
70) Styrene	12.20	104	359152	56.559	ug/l	99
71) Bromoform	12.36	173	62327	55.997	ug/l #	100
73) Isopropylbenzene	12.48	105	570495	54.471	ug/l	98
74) N-amyl acetate	12.29	43	103025	45.688	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	92146	50.560	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	48608m	46.582	ug/l	
77) Bromobenzene	12.76	156	143552	55.014	ug/l	95
78) n-propylbenzene	12.82	91	681531	55.438	ug/l	99
79) 2-Chlorotoluene	12.91	91	362917	53.538	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	482995	55.277	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29253	49.609	ug/l	97
82) 4-Chlorotoluene	13.01	91	374447	52.072	ug/l	97
83) tert-Butylbenzene	13.23	119	419527	53.949	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	496630	55.132	ug/l	99
85) sec-Butylbenzene	13.40	105	600628	57.193	ug/l	99
86) p-Isopropyltoluene	13.52	119	567402	57.097	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	280789	54.460	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	279672	54.983	ug/l	97
89) n-Butylbenzene	13.84	91	525591	56.820	ug/l	99
90) Hexachloroethane	14.11	117	104504	58.470	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	248321	55.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13713	48.346	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	184264	53.746	ug/l	99
94) Hexachlorobutadiene	15.27	225	110473	58.392	ug/l	98
95) Naphthalene	15.41	128	310418	53.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	161038	54.441	ug/l	99

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

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