

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061137.D
 Acq On : 18 Mar 2019 11:04
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 02:13:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	643939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1086212	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	921393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	418629	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	272483	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
35) Dibromofluoromethane	6.92	113	444162	55.10	ug/l	0.00
Spiked Amount			Recovery	=	110.20%	
50) Toluene-d8	10.41	98	1038474	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	13.56	95	393529	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	329134	51.600	ug/l	99
3) Chloromethane	1.77	50	256254	48.226	ug/l	92
4) Vinyl Chloride	1.86	62	251497	51.222	ug/l	97
5) Bromomethane	2.16	94	49729	59.324	ug/l	94
6) Chloroethane	2.28	64	91978	62.586	ug/l	91
7) Trichlorofluoromethane	2.54	101	400313	56.755	ug/l	93
8) Diethyl Ether	2.88	74	123296	52.988	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.16	101	435574	55.236	ug/l	96
10) Methyl Iodide	3.31	142	592841	54.322	ug/l	99
11) Tert butyl alcohol	4.06	59	81605	239.149	ug/l	98
12) 1,1-Dichloroethene	3.13	96	339037	52.451	ug/l	100
13) Acrolein	3.04	56	149373	302.540	ug/l	99
14) Allyl chloride	3.63	41	538936	52.111	ug/l	94
15) Acrylonitrile	4.20	53	282904	234.577	ug/l	98
16) Acetone	3.22	43	418510	273.044	ug/l	98
17) Carbon Disulfide	3.38	76	1091046	50.038	ug/l	99
18) Methyl Acetate	3.65	43	166511	55.201	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	598673	52.849	ug/l	95
20) Methylene Chloride	3.82	84	378457	54.579	ug/l	94
21) trans-1,2-Dichloroethene	4.23	96	369144	52.763	ug/l	96
22) Diisopropyl ether	5.12	45	1076358	50.135	ug/l	99
23) Vinyl Acetate	5.05	43	2779518	252.199	ug/l	99
24) 1,1-Dichloroethane	4.98	63	657730	55.915	ug/l	99
25) 2-Butanone	6.07	43	454537	261.340	ug/l	97
26) 2,2-Dichloropropane	6.02	77	545280	59.380	ug/l	100
27) cis-1,2-Dichloroethene	6.04	96	417469	56.240	ug/l	99
28) Bromochloromethane	6.44	49	254217	51.050	ug/l	85
29) Tetrahydrofuran	6.45	42	216373	229.108	ug/l	97
30) Chloroform	6.67	83	665527	54.590	ug/l	98
31) Cyclohexane	6.95	56	511767	53.956	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	591673	56.136	ug/l	99
36) 1,1-Dichloropropene	7.15	75	498239	53.214	ug/l	99
37) Ethyl Acetate	6.19	43	189134	43.047	ug/l	99
38) Carbon Tetrachloride	7.11	117	628764	60.964	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	459364	47.315	ug/l	100
40) Benzene	7.46	78	1198283	51.218	ug/l	100
41) Methacrylonitrile	6.44	41	242256	47.936	ug/l	98
42) 1,2-Dichloroethane	7.57	62	356227	52.468	ug/l	97
43) Isopropyl Acetate	9.24	43	280405	46.078	ug/l #	94
44) Trichloroethene	8.54	130	455078	56.382	ug/l	99
45) 1,2-Dichloropropane	8.94	63	316318	51.462	ug/l	98
46) Dibromomethane	9.06	93	205401	52.681	ug/l	97
47) Bromodichloromethane	9.37	83	510058	57.972	ug/l	97
48) Methyl methacrylate	9.12	41	171735	50.122	ug/l	98
49) 1,4-Dioxane	9.07	88	34304	990.116	ug/l	97
51) 4-Methyl-2-Pentanone	10.30	43	880025	236.051	ug/l	98
52) Toluene	10.51	92	764212	52.529	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	434165	53.966	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	513308	53.102	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	247084	50.999	ug/l	99
56) Ethyl methacrylate	11.04	69	245124	48.336	ug/l	96
57) 1,3-Dichloropropane	11.40	76	359016	49.587	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	605450	225.551	ug/l	98
59) 2-Hexanone	11.53	43	604847	221.792	ug/l	99
60) Dibromochloromethane	11.69	129	403057	56.527	ug/l	97
61) 1,2-Dibromoethane	11.81	107	290691	51.577	ug/l	97
64) Tetrachloroethene	11.26	164	338403	54.407	ug/l	99
65) Chlorobenzene	12.40	112	944394	52.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	360881	56.049	ug/l	99
67) Ethyl Benzene	12.52	91	1448315	53.857	ug/l	99
68) m/p-Xylenes	12.67	106	1080390	102.360	ug/l	97
69) o-Xylene	13.05	106	494179	47.632	ug/l	97
70) Styrene	13.08	104	781033	46.102	ug/l	99
71) Bromoform	13.23	173	221175	53.249	ug/l	98
73) Isopropylbenzene	13.40	105	1367611	45.331	ug/l	99
74) N-amyl acetate	13.26	43	335731	39.521	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	256184	43.522	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	271731	45.118	ug/l	99
77) Bromobenzene	13.67	156	379604	49.290	ug/l	89
78) n-propylbenzene	13.78	91	1764488	49.958	ug/l	97
79) 2-Chlorotoluene	13.84	91	933208	47.992	ug/l	95
80) 1,3,5-Trimethylbenzene	14.24	105	1170439	51.102	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	87558	49.311	ug/l	94
82) 4-Chlorotoluene	13.95	91	1022279	44.471	ug/l	96
83) tert-Butylbenzene	14.19	119	1335516	53.281	ug/l	94
84) 1,2,4-Trimethylbenzene	14.24	105	1170439	51.102	ug/l	99
85) sec-Butylbenzene	14.37	105	1537280	50.238	ug/l	97
86) p-Isopropyltoluene	14.49	119	1297501	51.874	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	738313	53.687	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	687343	50.862	ug/l	98
89) n-Butylbenzene	14.80	91	1103739	45.951	ug/l	97
90) Hexachloroethane	15.01	117	363590	51.479	ug/l	80
91) 1,2-Dichlorobenzene	14.81	146	558254	48.694	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	33808	47.662	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	259152	48.728	ug/l	97
94) Hexachlorobutadiene	16.04	225	213755	53.136	ug/l	97
95) Naphthalene	16.13	128	417026	51.600	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	123316	46.946	ug/l	99

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

