

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061804.D
 Acq On : 16 Apr 2019 11:29
 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: Apr 16 11:52:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	709575	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	1152948	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	925024	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	413925	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	268450	45.14	ug/l	-0.04
Spiked Amount			Recovery	=		90.28%
35) Dibromofluoromethane	6.93	113	406750	46.70	ug/l	-0.04
Spiked Amount			Recovery	=		93.40%
50) Toluene-d8	10.42	98	998971	48.40	ug/l	-0.03
Spiked Amount			Recovery	=		96.80%
62) 4-Bromofluorobenzene	13.56	95	362337	43.31	ug/l	-0.02
Spiked Amount			Recovery	=		86.62%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	365853	52.826	ug/l	99
3) Chloromethane	1.76	50	276586	50.111	ug/l	99
4) Vinyl Chloride	1.85	62	300873	54.926	ug/l	98
5) Bromomethane	2.16	94	73054	60.355	ug/l	91
6) Chloroethane	2.28	64	100713	53.894	ug/l	96
7) Trichlorofluoromethane	2.54	101	427501	48.120	ug/l	100
8) Diethyl Ether	2.88	74	120664	51.826	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.16	101	428173	54.052	ug/l	98
10) Methyl Iodide	3.32	142	593972	47.182	ug/l	99
11) Tert butyl alcohol	4.07	59	88874	253.416	ug/l	100
12) 1,1-Dichloroethene	3.14	96	352072	52.867	ug/l	94
13) Acrolein	3.05	56	102570	302.111	ug/l	99
14) Allyl chloride	3.64	41	498734	54.943	ug/l	98
15) Acrylonitrile	4.20	53	265388	241.044	ug/l	95
16) Acetone	3.22	43	469534	320.350	ug/l	95
17) Carbon Disulfide	3.39	76	1157035	53.772	ug/l	100
18) Methyl Acetate	3.65	43	137326	46.746	ug/l	99
19) Methyl tert-butyl Ether	4.25	73	620407	49.920	ug/l	98
20) Methylene Chloride	3.82	84	374192	51.499	ug/l	98
21) trans-1,2-Dichloroethene	4.23	96	371262	50.728	ug/l	98
22) Diisopropyl ether	5.13	45	1010843	52.096	ug/l	98
23) Vinyl Acetate	5.06	43	2714198	261.674	ug/l	98
24) 1,1-Dichloroethane	4.99	63	617417	52.482	ug/l	100
25) 2-Butanone	6.08	43	453857	271.991	ug/l	99
26) 2,2-Dichloropropane	6.03	77	517335	50.876	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	398517	50.230	ug/l	95
28) Bromochloromethane	6.44	49	206418	46.194	ug/l	90
29) Tetrahydrofuran	6.46	42	208523	256.542	ug/l	99
30) Chloroform	6.67	83	657816	50.132	ug/l	99
31) Cyclohexane	6.96	56	480160	53.316	ug/l	98
32) 1,1,1-Trichloroethane	6.88	97	627674	53.962	ug/l	97
36) 1,1-Dichloropropene	7.16	75	514761	54.637	ug/l	99
37) Ethyl Acetate	6.20	43	198230	49.161	ug/l	96
38) Carbon Tetrachloride	7.12	117	677570	56.955	ug/l	97

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39) Methylcyclohexane	8.87	83	521134	53.266	ug/l	98
40) Benzene	7.47	78	1176306	52.006	ug/l	99
41) Methacrylonitrile	6.45	41	244019	51.200	ug/l	98
42) 1,2-Dichloroethane	7.58	62	402073	51.040	ug/l	99
43) Isopropyl Acetate	9.25	43	294559	51.910	ug/l #	96
44) Trichloroethene	8.55	130	466680	53.596	ug/l	98
45) 1,2-Dichloropropane	8.94	63	309957	52.609	ug/l	100
46) Dibromomethane	9.07	93	205969	49.063	ug/l	96
47) Bromodichloromethane	9.39	83	502091	51.842	ug/l	98
48) Methyl methacrylate	9.13	41	158453	47.505	ug/l	96
49) 1,4-Dioxane	9.08	88	36401	998.456	ug/l	96
51) 4-Methyl-2-Pentanone	10.30	43	879332	253.402	ug/l	97
52) Toluene	10.52	92	740216	51.068	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	440137	50.435	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	538436	52.562	ug/l	99
55) 1,1,2-Trichloroethane	11.20	97	258235	52.871	ug/l	97
56) Ethyl methacrylate	11.05	69	276401	51.562	ug/l	96
57) 1,3-Dichloropropane	11.41	76	386549	52.643	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	598082	234.566	ug/l	98
59) 2-Hexanone	11.54	43	703604	272.997	ug/l	98
60) Dibromochloromethane	11.69	129	406968	50.923	ug/l	96
61) 1,2-Dibromoethane	11.81	107	288187	47.986	ug/l	98
64) Tetrachloroethene	11.27	164	364424	52.531	ug/l	99
65) Chlorobenzene	12.40	112	868944	50.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	356861	49.431	ug/l	98
67) Ethyl Benzene	12.53	91	1328902	48.169	ug/l	100
68) m/p-Xylenes	12.67	106	1056511	101.951	ug/l	97
69) o-Xylene	13.05	106	483563	49.645	ug/l	98
70) Styrene	13.08	104	835465	49.844	ug/l	99
71) Bromoform	13.23	173	234009	54.608	ug/l	99
73) Isopropylbenzene	13.40	105	1398185	52.085	ug/l	100
74) N-amyl acetate	13.26	43	362518	50.220	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	281267	53.007	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	280054	51.519	ug/l	100
77) Bromobenzene	13.68	156	419959	55.073	ug/l	96
78) n-propylbenzene	13.78	91	1712308	55.209	ug/l	99
79) 2-Chlorotoluene	13.85	91	897637	49.544	ug/l	97
80) 1,3,5-Trimethylbenzene	13.93	105	1096297	51.469	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	89633	50.815	ug/l	99
82) 4-Chlorotoluene	13.95	91	980842	47.296	ug/l	99
83) tert-Butylbenzene	14.19	119	1299165	51.945	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	1109649	51.827	ug/l	99
85) sec-Butylbenzene	14.37	105	1387497	53.665	ug/l	99
86) p-Isopropyltoluene	14.49	119	1294542	53.514	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	685009	51.457	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	666702	50.664	ug/l	96
89) n-Butylbenzene	14.80	91	1049221	48.999	ug/l	97
90) Hexachloroethane	15.01	117	360520	54.678	ug/l	89
91) 1,2-Dichlorobenzene	14.81	146	544616	48.840	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	38873	51.666	ug/l	89

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93) 1,2,4-Trichlorobenzene	15.94	180	318301	51.972	ug/l	94
94) Hexachlorobutadiene	16.04	225	210222	47.365	ug/l	98
95) Naphthalene	16.13	128	490499	52.252	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	157857	45.230	ug/l	95

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

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