

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032119\
 Data File : VD061237.D
 Acq On : 21 Mar 2019 11:20
 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 22 04:28:30 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	7.06	168	670607	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1091528	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	855164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	362900	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	271092	48.57	ug/l	0.02
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	6.93	113	433344	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
50) Toluene-d8	10.42	98	1042922	51.27	ug/l	0.02
Spiked Amount			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	13.56	95	395337	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	316387	47.629	ug/l	99
3) Chloromethane	1.77	50	246375	44.523	ug/l	99
4) Vinyl Chloride	1.86	62	242641	47.453	ug/l	97
5) Bromomethane	2.16	94	39751	42.499	ug/l	96
6) Chloroethane	2.28	64	83832	54.774	ug/l	94
7) Trichlorofluoromethane	2.54	101	365265	49.727	ug/l	98
8) Diethyl Ether	2.89	74	118643	48.961	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.16	101	430797	52.458	ug/l	98
10) Methyl Iodide	3.32	142	589772	52.023	ug/l	99
11) Tert butyl alcohol	4.08	59	97752	275.077	ug/l	99
12) 1,1-Dichloroethene	3.14	96	333600	49.558	ug/l	96
13) Acrolein	3.05	56	120420	234.199	ug/l	99
14) Allyl chloride	3.64	41	523675	48.622	ug/l	96
15) Acrylonitrile	4.21	53	326689	260.110	ug/l	98
16) Acetone	3.23	43	463039	290.083	ug/l	99
17) Carbon Disulfide	3.39	76	1020518	44.942	ug/l	98
18) Methyl Acetate	3.65	43	180237	57.375	ug/l	94
19) Methyl tert-butyl Ether	4.25	73	637370	54.028	ug/l	96
20) Methylene Chloride	3.83	84	398183	55.194	ug/l	95
21) trans-1,2-Dichloroethene	4.24	96	369206	50.674	ug/l	94
22) Diisopropyl ether	5.14	45	1079736	48.292	ug/l	98
23) Vinyl Acetate	5.07	43	2865398	249.653	ug/l	97
24) 1,1-Dichloroethane	4.99	63	636302	51.942	ug/l	98
25) 2-Butanone	6.09	43	492103	271.688	ug/l	98
26) 2,2-Dichloropropane	6.04	77	541618	56.636	ug/l	99
27) cis-1,2-Dichloroethene	6.06	96	417053	53.950	ug/l	94
28) Bromochloromethane	6.45	49	251144	48.427	ug/l	95
29) Tetrahydrofuran	6.46	42	236031	239.985	ug/l	94
30) Chloroform	6.68	83	672134	52.940	ug/l	99
31) Cyclohexane	6.97	56	495268	50.140	ug/l	96
32) 1,1,1-Trichloroethane	6.88	97	573815	52.277	ug/l	96
36) 1,1-Dichloropropene	7.16	75	497686	52.896	ug/l	99
37) Ethyl Acetate	6.20	43	206726	46.821	ug/l	97
38) Carbon Tetrachloride	7.13	117	612022	59.052	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	458953	47.042	ug/l	98
40) Benzene	7.47	78	1206741	51.328	ug/l	100
41) Methacrylonitrile	6.45	41	261426	51.477	ug/l #	93
42) 1,2-Dichloroethane	7.58	62	364959	53.493	ug/l	100
43) Isopropyl Acetate	9.25	43	328798	53.767	ug/l	100
44) Trichloroethene	8.56	130	421494	51.966	ug/l	99
45) 1,2-Dichloropropane	8.95	63	313558	50.765	ug/l	100
46) Dibromomethane	9.07	93	215104	54.901	ug/l	96
47) Bromodichloromethane	9.39	83	485070	54.864	ug/l	99
48) Methyl methacrylate	9.13	41	176501	51.262	ug/l	97
49) 1,4-Dioxane	9.09	88	39385	1131.233	ug/l #	95
51) 4-Methyl-2-Pentanone	10.31	43	935599	249.735	ug/l	98
52) Toluene	10.52	92	725126	49.600	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	457736	56.619	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	539272	55.517	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	266815	54.803	ug/l	97
56) Ethyl methacrylate	11.05	69	286294	56.180	ug/l	99
57) 1,3-Dichloropropane	11.41	76	390087	53.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	614133	227.671	ug/l	99
59) 2-Hexanone	11.54	43	673080	245.610	ug/l	96
60) Dibromochloromethane	11.69	129	411165	57.383	ug/l	99
61) 1,2-Dibromoethane	11.82	107	292451	51.637	ug/l	99
64) Tetrachloroethene	11.27	164	331321	57.394	ug/l	98
65) Chlorobenzene	12.41	112	943503	56.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	355591	59.504	ug/l	99
67) Ethyl Benzene	12.53	91	1414837	56.687	ug/l	98
68) m/p-Xylenes	12.67	106	1058202	108.023	ug/l	96
69) o-Xylene	13.06	106	512136	53.185	ug/l	98
70) Styrene	13.08	104	814061	51.773	ug/l	99
71) Bromoform	13.24	173	227136	58.919	ug/l	95
73) Isopropylbenzene	13.41	105	1466964	56.091	ug/l	99
74) N-amyl acetate	13.27	43	389150	52.843	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.71	83	289719	56.778	ug/l	96
76) 1,2,3-Trichloropropane	13.74	75	300741	57.602	ug/l	99
77) Bromobenzene	13.68	156	363791	54.491	ug/l	99
78) n-propylbenzene	13.78	91	1583029	51.703	ug/l	100
79) 2-Chlorotoluene	13.84	91	910101	53.992	ug/l	98
80) 1,3,5-Trimethylbenzene	14.24	105	1123681	56.595	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	94516	61.404	ug/l	94
82) 4-Chlorotoluene	13.95	91	972319	48.793	ug/l	98
83) tert-Butylbenzene	14.20	119	1285213	59.148	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	1123681	56.595	ug/l	100
85) sec-Butylbenzene	14.38	105	1471571	55.475	ug/l	100
86) p-Isopropyltoluene	14.49	119	1088593	50.205	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	671746	56.348	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	597092	50.968	ug/l	99
89) n-Butylbenzene	14.80	91	1120812	53.827	ug/l	99
90) Hexachloroethane	15.02	117	378993	61.900	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	589718	59.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	36086	58.686	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	241853	52.458	ug/l	99
94) Hexachlorobutadiene	16.04	225	185744	53.264	ug/l	98
95) Naphthalene	16.13	128	332029	47.392	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	98258	43.151	ug/l	95

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

