

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
 Data File : VD063073.D
 Acq On : 12 Jul 2019 16:38
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 12 17:04:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	827048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1156037	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	957739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	527871	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	448557	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
35) Dibromofluoromethane	6.94	113	491548	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
50) Toluene-d8	10.42	98	1070706	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	13.56	95	502362	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	421026	39.340	ug/l	100
3) Chloromethane	1.75	50	346219	43.015	ug/l	92
4) Vinyl Chloride	1.85	62	372399	46.664	ug/l	90
5) Bromomethane	2.14	94	151019	40.408	ug/l	91
6) Chloroethane	2.26	64	180756	50.029	ug/l	96
7) Trichlorofluoromethane	2.53	101	787651	48.769	ug/l	98
8) Diethyl Ether	2.88	74	108104	52.681	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.15	101	427950	48.911	ug/l	91
10) Methyl Iodide	3.30	142	604841	52.397	ug/l	98
11) Tert butyl alcohol	4.09	59	125614	306.794	ug/l	96
12) 1,1-Dichloroethene	3.13	96	316478	48.216	ug/l	87
13) Acrolein	3.04	56	96381	230.581	ug/l	94
14) Allyl chloride	3.62	41	546579	56.357	ug/l	91
15) Acrylonitrile	4.20	53	302988	314.931	ug/l	96
16) Acetone	3.23	43	574916	317.237	ug/l	100
17) Carbon Disulfide	3.37	76	902568	43.026	ug/l	96
18) Methyl Acetate	3.64	43	165889	61.127	ug/l	99
19) Methyl tert-butyl Ether	4.25	73	845602	59.511	ug/l	99
20) Methylene Chloride	3.82	84	388096	56.606	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	371470	53.151	ug/l	97
22) Diisopropyl ether	5.14	45	1234340	62.582	ug/l	96
23) Vinyl Acetate	5.07	43	3684033	298.497	ug/l	100
24) 1,1-Dichloroethane	4.99	63	752768	58.619	ug/l	97
25) 2-Butanone	6.08	43	545338	324.339	ug/l	97
26) 2,2-Dichloropropane	6.03	77	749211	55.043	ug/l	99
27) cis-1,2-Dichloroethene	6.04	96	412540	55.819	ug/l	94
28) Bromochloromethane	6.44	49	249867	55.246	ug/l	97
29) Tetrahydrofuran	6.47	42	245775	308.946	ug/l	96
30) Chloroform	6.67	83	901827	57.745	ug/l	97
31) Cyclohexane	6.97	56	433758	51.380	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	859372	52.830	ug/l	93
36) 1,1-Dichloropropene	7.15	75	533975	48.794	ug/l	95
37) Ethyl Acetate	6.20	43	239454	52.135	ug/l #	94
38) Carbon Tetrachloride	7.11	117	889679	54.055	ug/l	97

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39) Methylcyclohexane	8.88	83	477615	49.582	ug/l	94
40) Benzene	7.46	78	1233318	56.144	ug/l	97
41) Methacrylonitrile	6.45	41	327350	56.721	ug/l	95
42) 1,2-Dichloroethane	7.59	62	658733	54.970	ug/l	99
43) Isopropyl Acetate	9.25	43	355733	62.003	ug/l #	95
44) Trichloroethene	8.55	130	471793	54.783	ug/l	92
45) 1,2-Dichloropropane	8.94	63	314176	57.518	ug/l	97
46) Dibromomethane	9.07	93	259337	55.271	ug/l	94
47) Bromodichloromethane	9.39	83	668143	54.829	ug/l	94
48) Methyl methacrylate	9.13	41	233111	57.175	ug/l	96
49) 1,4-Dioxane	9.09	88	46679	1376.142	ug/l	96
51) 4-Methyl-2-Pentanone	10.31	43	1191311	292.869	ug/l	100
52) Toluene	10.52	92	830167	56.220	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	586384	58.791	ug/l	96
54) cis-1,3-Dichloropropene	10.05	75	636846	58.744	ug/l	94
55) 1,1,2-Trichloroethane	11.20	97	274853	54.178	ug/l	97
56) Ethyl methacrylate	11.05	69	335050	61.799	ug/l	92
57) 1,3-Dichloropropane	11.42	76	438295	56.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	667136	239.687	ug/l	96
59) 2-Hexanone	11.54	43	901349	311.133	ug/l	96
60) Dibromochloromethane	11.69	129	546499	57.834	ug/l	99
61) 1,2-Dibromoethane	11.81	107	336072	56.090	ug/l	95
64) Tetrachloroethene	11.27	164	397173	50.387	ug/l	94
65) Chlorobenzene	12.41	112	1068922	60.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	470995	56.662	ug/l	94
67) Ethyl Benzene	12.53	91	1762525	55.230	ug/l	100
68) m/p-Xylenes	12.68	106	1215484	109.358	ug/l	93
69) o-Xylene	13.06	106	595128	58.572	ug/l	94
70) Styrene	13.08	104	1008990	56.537	ug/l	94
71) Bromoform	13.24	173	333755	58.603	ug/l #	93
73) Isopropylbenzene	13.40	105	1751966	51.763	ug/l	98
74) N-amyl acetate	13.27	43	495090	60.234	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	13.70	83	334026	60.571	ug/l	90
76) 1,2,3-Trichloropropane	13.74	75	365754	60.020	ug/l	93
77) Bromobenzene	13.68	156	504546	55.423	ug/l	90
78) n-propylbenzene	13.78	91	2255780	57.262	ug/l	97
79) 2-Chlorotoluene	13.85	91	1190971	52.902	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	1530268	53.827	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.48	75	96591	60.478	ug/l	96
82) 4-Chlorotoluene	13.96	91	1423171	52.509	ug/l	96
83) tert-Butylbenzene	14.19	119	1790026	56.487	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	1594561	54.723	ug/l	99
85) sec-Butylbenzene	14.37	105	1875460	54.453	ug/l	97
86) p-Isopropyltoluene	14.50	119	1742523	55.303	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	896604	54.943	ug/l	96
88) 1,4-Dichlorobenzene	14.55	146	911373	55.603	ug/l	97
89) n-Butylbenzene	14.80	91	1621003	54.966	ug/l	95
90) Hexachloroethane	15.01	117	449701	53.083	ug/l	83
91) 1,2-Dichlorobenzene	14.81	146	806329	57.751	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	63189	58.707	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	616950	56.566	ug/l	94
94) Hexachlorobutadiene	16.04	225	457075	54.856	ug/l	99
95) Naphthalene	16.13	128	938661	61.403	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	515683	61.537	ug/l	97

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

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