

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063049.D
 Acq On : 8 Jul 2019 21:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 06:25:33 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	7.04	168	757199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1061934	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	885505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	506508	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	403385	49.01	ug/l	-0.02
Spiked Amount			Recovery	=		98.02%
35) Dibromofluoromethane	6.92	113	422582	47.19	ug/l	0.00
Spiked Amount			Recovery	=		94.38%
50) Toluene-d8	10.41	98	904102	46.39	ug/l	0.00
Spiked Amount			Recovery	=		92.78%
62) 4-Bromofluorobenzene	13.55	95	406574	45.88	ug/l	0.00
Spiked Amount			Recovery	=		91.76%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	423774	43.249	ug/l	95
3) Chloromethane	1.74	50	322580	43.775	ug/l	93
4) Vinyl Chloride	1.84	62	325246	44.515	ug/l	97
5) Bromomethane	2.14	94	185776	54.294	ug/l	92
6) Chloroethane	2.26	64	176259	53.285	ug/l	91
7) Trichlorofluoromethane	2.52	101	772940	52.273	ug/l	97
8) Diethyl Ether	2.87	74	98557	52.459	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.13	101	395934	49.426	ug/l	89
10) Methyl Iodide	3.29	142	554236	52.443	ug/l	99
11) Tert butyl alcohol	4.07	59	99454	265.309	ug/l #	91
12) 1,1-Dichloroethene	3.12	96	292112	48.609	ug/l	97
13) Acrolein	3.02	56	62649	163.707	ug/l #	75
14) Allyl chloride	3.61	41	449146	50.583	ug/l	97
15) Acrylonitrile	4.19	53	245874	279.141	ug/l	93
16) Acetone	3.22	43	403087	241.255	ug/l	100
17) Carbon Disulfide	3.36	76	862436	44.905	ug/l	96
18) Methyl Acetate	3.64	43	150800	60.693	ug/l	99
19) Methyl tert-butyl Ether	4.23	73	770303	59.212	ug/l	98
20) Methylene Chloride	3.80	84	327290	52.141	ug/l	94
21) trans-1,2-Dichloroethene	4.21	96	324455	50.707	ug/l	96
22) Diisopropyl ether	5.11	45	1004045	55.602	ug/l	96
23) Vinyl Acetate	5.05	43	3119918	276.109	ug/l	99
24) 1,1-Dichloroethane	4.97	63	590449	50.221	ug/l	99
25) 2-Butanone	6.07	43	444003	288.430	ug/l	95
26) 2,2-Dichloropropane	6.01	77	663594	53.250	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	377327	55.764	ug/l	92
28) Bromochloromethane	6.43	49	237335	57.316	ug/l	94
29) Tetrahydrofuran	6.45	42	207331	284.662	ug/l	97
30) Chloroform	6.66	83	812368	56.815	ug/l	95
31) Cyclohexane	6.94	56	388918	50.319	ug/l	87
32) 1,1,1-Trichloroethane	6.85	97	780960	52.439	ug/l	95
36) 1,1-Dichloropropene	7.14	75	526510	52.375	ug/l	98
37) Ethyl Acetate	6.17	43	211252	50.026	ug/l #	95
38) Carbon Tetrachloride	7.10	117	800636m	52.956	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	431202	48.730	ug/l	98
40) Benzene	7.44	78	1080601	53.551	ug/l	99
41) Methacrylonitrile	6.44	41	297256	56.071	ug/l #	95
42) 1,2-Dichloroethane	7.57	62	614952	55.864	ug/l	99
43) Isopropyl Acetate	9.24	43	281443	53.402	ug/l	96
44) Trichloroethene	8.53	130	424336	53.639	ug/l	94
45) 1,2-Dichloropropane	8.93	63	253960	50.614	ug/l	99
46) Dibromomethane	9.06	93	232763	54.003	ug/l	91
47) Bromodichloromethane	9.36	83	641951	57.348	ug/l	97
48) Methyl methacrylate	9.11	41	190043	50.743	ug/l	99
49) 1,4-Dioxane	9.08	88	37035	1188.580	ug/l	91
51) 4-Methyl-2-Pentanone	10.30	43	1064745	284.950	ug/l	97
52) Toluene	10.51	92	735283	54.207	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	527948	57.623	ug/l	96
54) cis-1,3-Dichloropropene	10.03	75	500635	50.272	ug/l	92
55) 1,1,2-Trichloroethane	11.19	97	261765	56.171	ug/l	93
56) Ethyl methacrylate	11.04	69	262577	52.723	ug/l	95
57) 1,3-Dichloropropane	11.40	76	368789	51.684	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.86	63	639493	250.115	ug/l	99
59) 2-Hexanone	11.53	43	735159	276.254	ug/l	95
60) Dibromochloromethane	11.68	129	518837	59.772	ug/l	100
61) 1,2-Dibromoethane	11.81	107	301449	54.770	ug/l	99
64) Tetrachloroethene	11.25	164	390240	53.546	ug/l	98
65) Chlorobenzene	12.40	112	897005	54.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	451988	58.811	ug/l	93
67) Ethyl Benzene	12.51	91	1676095	56.806	ug/l	98
68) m/p-Xylenes	12.66	106	1129462	109.908	ug/l	96
69) o-Xylene	13.05	106	560420	59.656	ug/l	100
70) Styrene	13.07	104	977755	59.256	ug/l	95
71) Bromoform	13.23	173	319306	60.639	ug/l	92
73) Isopropylbenzene	13.40	105	1709786	52.647	ug/l	99
74) N-amyl acetate	13.26	43	447183	56.700	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	301750	57.026	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	333225	56.988	ug/l	100
77) Bromobenzene	13.67	156	490910	56.199	ug/l	98
78) n-propylbenzene	13.77	91	1958437	51.811	ug/l	100
79) 2-Chlorotoluene	13.83	91	1166447	53.998	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	1341312	49.170	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	87255	56.937	ug/l	94
82) 4-Chlorotoluene	13.94	91	1279407	49.196	ug/l	98
83) tert-Butylbenzene	14.19	119	1596349	52.500	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	1445851	51.712	ug/l	98
85) sec-Butylbenzene	14.37	105	1743989	52.772	ug/l	99
86) p-Isopropyltoluene	14.48	119	1568702	51.886	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	814272	52.002	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	814414	51.783	ug/l	98
89) n-Butylbenzene	14.80	91	1460048	51.597	ug/l	96
90) Hexachloroethane	15.01	117	445115	54.757	ug/l	91
91) 1,2-Dichlorobenzene	14.81	146	729191	54.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	56678	54.878	ug/l #	24

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	556342	53.161	ug/l	96
94) Hexachlorobutadiene	16.04	225	424749	53.127	ug/l	98
95) Naphthalene	16.12	128	859831	58.619	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	442177	54.991	ug/l	99

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

