

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063428.D
 Acq On : 7 Aug 2019 19:13
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 08:07:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	829761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1094574	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	948905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	559282	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	478312	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
35) Dibromofluoromethane	6.92	113	521850	55.84	ug/l	0.00
Spiked Amount			Recovery	=	111.68%	
50) Toluene-d8	10.41	98	1077000	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	13.55	95	502592	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	405568	39.986	ug/l	96
3) Chloromethane	1.74	50	321044	40.740	ug/l	92
4) Vinyl Chloride	1.84	62	321118	39.363	ug/l	92
5) Bromomethane	2.14	94	173783	42.238	ug/l	96
6) Chloroethane	2.26	64	169662	45.046	ug/l	92
7) Trichlorofluoromethane	2.53	101	688530	43.506	ug/l	98
8) Diethyl Ether	2.86	74	94921	42.855	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	414419	47.272	ug/l	95
10) Methyl Iodide	3.29	142	512765	40.488	ug/l	99
11) Tert butyl alcohol	4.07	59	77491	191.787	ug/l	95
12) 1,1-Dichloroethene	3.12	96	305494	47.467	ug/l	84
13) Acrolein	3.03	56	65663	168.862	ug/l	92
14) Allyl chloride	3.61	41	456149	44.491	ug/l	84
15) Acrylonitrile	4.19	53	214305	204.582	ug/l	91
16) Acetone	3.22	43	379843	211.744	ug/l	100
17) Carbon Disulfide	3.36	76	853403	39.616	ug/l	97
18) Methyl Acetate	3.64	43	147050	42.676	ug/l	94
19) Methyl tert-butyl Ether	4.24	73	619893	42.640	ug/l	98
20) Methylene Chloride	3.81	84	303283	41.826	ug/l	94
21) trans-1,2-Dichloroethene	4.21	96	302892	41.944	ug/l	94
22) Diisopropyl ether	5.12	45	908692	44.362	ug/l	95
23) Vinyl Acetate	5.05	43	2845900	226.019	ug/l	99
24) 1,1-Dichloroethane	4.98	63	580373	44.357	ug/l	97
25) 2-Butanone	6.07	43	404606	224.742	ug/l	99
26) 2,2-Dichloropropane	6.02	77	601038	44.575	ug/l	96
27) cis-1,2-Dichloroethene	6.03	96	348345	44.992	ug/l	87
28) Bromochloromethane	6.44	49	231552	44.418	ug/l #	98
29) Tetrahydrofuran	6.45	42	194193	227.831	ug/l	99
30) Chloroform	6.66	83	762409	46.954	ug/l	96
31) Cyclohexane	6.95	56	338087	41.224	ug/l	91
32) 1,1,1-Trichloroethane	6.87	97	783746	49.901	ug/l	98
36) 1,1-Dichloropropene	7.14	75	451749	45.223	ug/l	96
37) Ethyl Acetate	6.18	43	192344	42.859	ug/l #	94
38) Carbon Tetrachloride	7.10	117	812754	54.044	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	370404	44.505	ug/l	93
40) Benzene	7.45	78	1006561	48.078	ug/l	98
41) Methacrylonitrile	6.45	41	267550	49.839	ug/l #	86
42) 1,2-Dichloroethane	7.58	62	570249	51.394	ug/l	99
43) Isopropyl Acetate	9.24	43	277910	48.478	ug/l #	94
44) Trichloroethene	8.54	130	400515	47.211	ug/l	93
45) 1,2-Dichloropropane	8.94	63	240188	45.137	ug/l	98
46) Dibromomethane	9.06	93	213333	48.215	ug/l	98
47) Bromodichloromethane	9.38	83	574165	50.906	ug/l	100
48) Methyl methacrylate	9.12	41	181750	48.884	ug/l	96
49) 1,4-Dioxane	9.08	88	28867	916.189	ug/l #	89
51) 4-Methyl-2-Pentanone	10.30	43	948165	243.199	ug/l	98
52) Toluene	10.51	92	679172	48.775	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	448346	46.108	ug/l	100
54) cis-1,3-Dichloropropene	10.04	75	497756	48.706	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	244973	52.091	ug/l	97
56) Ethyl methacrylate	11.04	69	250812	48.705	ug/l	95
57) 1,3-Dichloropropane	11.41	76	346729	46.794	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.86	63	691505	258.065	ug/l	96
59) 2-Hexanone	11.53	43	687373	244.653	ug/l	93
60) Dibromochloromethane	11.68	129	454552	51.200	ug/l	96
61) 1,2-Dibromoethane	11.81	107	288552	49.725	ug/l	94
64) Tetrachloroethene	11.26	164	352860	46.677	ug/l	97
65) Chlorobenzene	12.40	112	869862	47.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	405339	50.417	ug/l	95
67) Ethyl Benzene	12.53	91	1470554	47.429	ug/l	98
68) m/p-Xylenes	12.67	106	1075209	94.560	ug/l	96
69) o-Xylene	13.05	106	490007	46.928	ug/l	100
70) Styrene	13.07	104	853031	46.066	ug/l	95
71) Bromoform	13.24	173	269144	46.034	ug/l	97
73) Isopropylbenzene	13.40	105	1657891	47.230	ug/l	98
74) N-amyl acetate	13.27	43	392162	42.261	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	258400	43.337	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	289866	43.150	ug/l	99
77) Bromobenzene	13.67	156	433989	43.401	ug/l	91
78) n-propylbenzene	13.78	91	1776112	42.519	ug/l	97
79) 2-Chlorotoluene	13.84	91	1061408	43.852	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	1372727	45.341	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	77963	41.795	ug/l	86
82) 4-Chlorotoluene	13.95	91	1308087	45.921	ug/l	91
83) tert-Butylbenzene	14.19	119	1507665	43.613	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	1338073	42.729	ug/l	97
85) sec-Butylbenzene	14.37	105	1548968	42.529	ug/l	99
86) p-Isopropyltoluene	14.49	119	1495259	43.014	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	774978	43.763	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	778037	43.449	ug/l	94
89) n-Butylbenzene	14.80	91	1394352	46.442	ug/l	99
90) Hexachloroethane	15.01	117	392204	43.305	ug/l	94
91) 1,2-Dichlorobenzene	14.81	146	691441	44.814	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	56435	46.466	ug/l	80

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93) 1,2,4-Trichlorobenzene	15.94	180	515197	42.091	ug/l	97
94) Hexachlorobutadiene	16.04	225	389135	43.871	ug/l	98
95) Naphthalene	16.12	128	732420	42.337	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	406310	42.020	ug/l	98

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

