

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063353.D
 Acq On : 3 Aug 2019 11:15
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 06:05:00 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	7.04	168	1088582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1502025	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1260873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	668340	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	568354	47.05	ug/l	0.01
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	6.92	113	662074	51.63	ug/l	0.01
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	10.40	98	1461116	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	13.56	95	658736	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	631719	47.475	ug/l	97
3) Chloromethane	1.74	50	514350	49.752	ug/l	98
4) Vinyl Chloride	1.84	62	527953	49.330	ug/l	97
5) Bromomethane	2.15	94	241786	44.794	ug/l	97
6) Chloroethane	2.26	64	253497	51.302	ug/l	92
7) Trichlorofluoromethane	2.53	101	1014143	48.844	ug/l	99
8) Diethyl Ether	2.86	74	139761	48.097	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.14	101	622528	54.127	ug/l	97
10) Methyl Iodide	3.30	142	835675	50.297	ug/l	97
11) Tert butyl alcohol	4.08	59	130544	246.273	ug/l #	94
12) 1,1-Dichloroethene	3.12	96	459588	54.431	ug/l	91
13) Acrolein	3.03	56	151676	297.316	ug/l	95
14) Allyl chloride	3.61	41	682053	50.708	ug/l	94
15) Acrylonitrile	4.19	53	348504	253.592	ug/l	90
16) Acetone	3.22	43	698793	296.925	ug/l	100
17) Carbon Disulfide	3.37	76	1397987	49.467	ug/l	99
18) Methyl Acetate	3.63	43	209349	46.311	ug/l	97
19) Methyl tert-butyl Ether	4.23	73	963898	50.538	ug/l	99
20) Methylene Chloride	3.81	84	485505	51.037	ug/l	96
21) trans-1,2-Dichloroethene	4.20	96	496991	52.459	ug/l	93
22) Diisopropyl ether	5.11	45	1384894	51.535	ug/l	97
23) Vinyl Acetate	5.05	43	4203486	254.464	ug/l	99
24) 1,1-Dichloroethane	4.97	63	872382	50.823	ug/l	97
25) 2-Butanone	6.06	43	663693	281.003	ug/l	96
26) 2,2-Dichloropropane	6.01	77	946144	53.486	ug/l	100
27) cis-1,2-Dichloroethene	6.02	96	537510	52.918	ug/l	97
28) Bromochloromethane	6.44	49	343552	50.233	ug/l #	94
29) Tetrahydrofuran	6.46	42	278829	249.350	ug/l	97
30) Chloroform	6.65	83	1094112	51.361	ug/l	98
31) Cyclohexane	6.95	56	592180	55.039	ug/l	89
32) 1,1,1-Trichloroethane	6.86	97	1036674	50.312	ug/l	100
36) 1,1-Dichloropropene	7.14	75	716561	52.274	ug/l	94
37) Ethyl Acetate	6.17	43	317165	51.501	ug/l	97
38) Carbon Tetrachloride	7.11	117	1146592	55.561	ug/l	98

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39) Methylcyclohexane	8.86	83	615757	53.915	ug/l	99
40) Benzene	7.44	78	1481375	51.563	ug/l	98
41) Methacrylonitrile	6.45	41	368609	50.037	ug/l #	88
42) 1,2-Dichloroethane	7.57	62	774345	50.857	ug/l	100
43) Isopropyl Acetate	9.23	43	413269	52.534	ug/l #	99
44) Trichloroethene	8.53	130	600358	51.571	ug/l	98
45) 1,2-Dichloropropane	8.93	63	385218	52.754	ug/l	96
46) Dibromomethane	9.06	93	298180	49.110	ug/l	89
47) Bromodichloromethane	9.37	83	818598	52.890	ug/l	97
48) Methyl methacrylate	9.12	41	276334	54.161	ug/l	90
49) 1,4-Dioxane	9.08	88	43930	1016.495	ug/l	98
51) 4-Methyl-2-Pentanone	10.30	43	1334931	249.519	ug/l	95
52) Toluene	10.50	92	1047874	54.840	ug/l	94
53) t-1,3-Dichloropropene	10.91	75	654423	49.044	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	768184	54.777	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	320706	49.696	ug/l	97
56) Ethyl methacrylate	11.03	69	365443	51.714	ug/l	99
57) 1,3-Dichloropropane	11.40	76	492868	48.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	886885	241.196	ug/l	100
59) 2-Hexanone	11.53	43	1111652	288.333	ug/l	99
60) Dibromochloromethane	11.68	129	628460	51.586	ug/l	99
61) 1,2-Dibromoethane	11.80	107	402626	50.562	ug/l	95
64) Tetrachloroethene	11.25	164	537692	53.529	ug/l	98
65) Chlorobenzene	12.39	112	1267989	52.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	543174	50.845	ug/l	96
67) Ethyl Benzene	12.52	91	2138427	51.905	ug/l	99
68) m/p-Xylenes	12.66	106	1524330	100.889	ug/l	90
69) o-Xylene	13.04	106	763754	55.047	ug/l	88
70) Styrene	13.07	104	1228955	49.946	ug/l	99
71) Bromoform	13.23	173	381102	49.056	ug/l	97
73) Isopropylbenzene	13.40	105	2042399	48.690	ug/l	99
74) N-amyl acetate	13.26	43	568565	51.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	386919	54.302	ug/l	92
76) 1,2,3-Trichloropropane	13.73	75	420009	52.320	ug/l	96
77) Bromobenzene	13.66	156	604585	50.595	ug/l	97
78) n-propylbenzene	13.77	91	2577989	51.644	ug/l	99
79) 2-Chlorotoluene	13.84	91	1521501	52.603	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	1678214	46.386	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	110778	49.696	ug/l	91
82) 4-Chlorotoluene	13.94	91	1702535	50.016	ug/l	89
83) tert-Butylbenzene	14.19	119	2046690	49.545	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	1898533	50.734	ug/l	100
85) sec-Butylbenzene	14.36	105	2182014	50.134	ug/l	98
86) p-Isopropyltoluene	14.49	119	2042200	49.161	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	1044795	49.372	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	1003522	46.896	ug/l	93
89) n-Butylbenzene	14.80	91	1799440	50.154	ug/l	96
90) Hexachloroethane	15.00	117	537217	49.637	ug/l	97
91) 1,2-Dichlorobenzene	14.81	146	849738	46.087	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	66547	45.851	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.94	180	692014	47.312	ug/l	96
94) Hexachlorobutadiene	16.04	225	557544	52.600	ug/l	97
95) Naphthalene	16.12	128	956021	46.244	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	579133	50.120	ug/l	100

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

