

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080919\
 Data File : VD063474.D
 Acq On : 9 Aug 2019 15:23
 Operator : JC/SY
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 10 06:24:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1219343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1693804	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1442422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	730528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	966863	74.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.16%	
35) Dibromofluoromethane	6.93	113	1077008	75.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.00%	
50) Toluene-d8	10.43	98	2507236	79.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.88%	
62) 4-Bromofluorobenzene	13.56	95	1059448	74.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	1095483	74.143	ug/l	92
3) Chloromethane	1.75	50	863210	74.773	ug/l	94
4) Vinyl Chloride	1.85	62	895096	78.114	ug/l	98
5) Bromomethane	2.16	94	403133	74.954	ug/l	97
6) Chloroethane	2.27	64	410500	78.333	ug/l	98
7) Trichlorofluoromethane	2.53	101	1701070	75.678	ug/l	98
8) Diethyl Ether	2.88	74	234708	73.954	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.15	101	996346	75.068	ug/l	98
10) Methyl Iodide	3.31	142	1581951	84.251	ug/l	98
11) Tert butyl alcohol	4.10	59	223089	392.595	ug/l #	94
12) 1,1-Dichloroethene	3.13	96	741496	75.194	ug/l	97
13) Acrolein	3.04	56	188908	337.701	ug/l	92
14) Allyl chloride	3.62	41	1119696	75.583	ug/l	95
15) Acrylonitrile	4.22	53	571507	379.712	ug/l	95
16) Acetone	3.23	43	1087645	407.453	ug/l	97
17) Carbon Disulfide	3.38	76	2377054	76.350	ug/l	97
18) Methyl Acetate	3.65	43	354999	70.622	ug/l	98
19) Methyl tert-butyl Ether	4.25	73	1501577	76.092	ug/l	100
20) Methylene Chloride	3.82	84	791824	68.996	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	822207	79.184	ug/l	97
22) Diisopropyl ether	5.14	45	2404718	78.602	ug/l	99
23) Vinyl Acetate	5.08	43	7155284	402.618	ug/l	98
24) 1,1-Dichloroethane	5.00	63	1481848	78.054	ug/l	98
25) 2-Butanone	6.09	43	1085772	414.346	ug/l	97
26) 2,2-Dichloropropane	6.05	77	1438171	76.053	ug/l	95
27) cis-1,2-Dichloroethene	6.06	96	878816	77.356	ug/l	96
28) Bromochloromethane	6.45	49	578168	75.138	ug/l	90
29) Tetrahydrofuran	6.48	42	464725	380.554	ug/l	98
30) Chloroform	6.68	83	1727795	73.212	ug/l	93
31) Cyclohexane	6.97	56	895505	75.979	ug/l	100
32) 1,1,1-Trichloroethane	6.88	97	1774168	78.593	ug/l	98
36) 1,1-Dichloropropene	7.16	75	1158554	77.373	ug/l	99
37) Ethyl Acetate	6.19	43	474368	75.787	ug/l #	96
38) Carbon Tetrachloride	7.13	117	1762734	78.111	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	1016704	79.850	ug/l	99
40) Benzene	7.46	78	2518345	76.425	ug/l	99
41) Methacrylonitrile	6.47	41	610841	77.320	ug/l #	94
42) 1,2-Dichloroethane	7.59	62	1305797	78.810	ug/l	100
43) Isopropyl Acetate	9.26	43	695757	82.794	ug/l #	100
44) Trichloroethene	8.56	130	1001986	79.534	ug/l	95
45) 1,2-Dichloropropane	8.95	63	637829	83.119	ug/l	99
46) Dibromomethane	9.08	93	502979	76.754	ug/l	91
47) Bromodichloromethane	9.38	83	1333299	79.319	ug/l	97
48) Methyl methacrylate	9.13	41	426542	74.845	ug/l	98
49) 1,4-Dioxane	9.10	88	76925	1586.255	ug/l #	89
51) 4-Methyl-2-Pentanone	10.32	43	2240543	389.644	ug/l	99
52) Toluene	10.53	92	1710522	80.594	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	1046056	76.253	ug/l	97
54) cis-1,3-Dichloropropene	10.05	75	1254150	81.079	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	578719	80.721	ug/l	98
56) Ethyl methacrylate	11.06	69	631142	81.107	ug/l	97
57) 1,3-Dichloropropane	11.42	76	851840	78.604	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.88	63	1547966	376.802	ug/l	99
59) 2-Hexanone	11.54	43	1687412	403.298	ug/l	95
60) Dibromochloromethane	11.70	129	1064486	81.596	ug/l	99
61) 1,2-Dibromoethane	11.81	107	671922	77.418	ug/l	99
64) Tetrachloroethene	11.27	164	865870	77.760	ug/l	97
65) Chlorobenzene	12.41	112	2075485	76.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	910475	76.525	ug/l	92
67) Ethyl Benzene	12.53	91	3590782	76.389	ug/l	99
68) m/p-Xylenes	12.68	106	2487514	150.624	ug/l	98
69) o-Xylene	13.06	106	1209522	76.095	ug/l	100
70) Styrene	13.08	104	2115917	74.837	ug/l	97
71) Bromoform	13.24	173	644749	79.031	ug/l	96
73) Isopropylbenzene	13.41	105	3537455	76.131	ug/l	100
74) N-amyl acetate	13.27	43	876440	75.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.71	83	611087	79.234	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	684117	81.598	ug/l	97
77) Bromobenzene	13.68	156	963620	75.880	ug/l	99
78) n-propylbenzene	13.78	91	4267157	78.489	ug/l	99
79) 2-Chlorotoluene	13.84	91	2475847	78.993	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	3183061	78.403	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	183631	81.490	ug/l	98
82) 4-Chlorotoluene	13.95	91	2971606	78.835	ug/l	100
83) tert-Butylbenzene	14.20	119	3407474	79.703	ug/l	98
84) 1,2,4-Trimethylbenzene	14.25	105	2857823	76.078	ug/l	96
85) sec-Butylbenzene	14.37	105	3699010	81.473	ug/l	99
86) p-Isopropyltoluene	14.49	119	3455233	79.594	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	1762868	76.745	ug/l	100
88) 1,4-Dichlorobenzene	14.54	146	1652953	75.003	ug/l	99
89) n-Butylbenzene	14.81	91	3057214	77.163	ug/l	97
90) Hexachloroethane	15.01	117	907962	83.214	ug/l	97
91) 1,2-Dichlorobenzene	14.82	146	1492273	76.571	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	121601	83.736	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	1283446	89.499	ug/l	95
94) Hexachlorobutadiene	16.04	225	864844	79.131	ug/l	95
95) Naphthalene	16.13	128	1667987	76.750	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	891764	76.992	ug/l	98

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

