

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092619\
 Data File : VD063841.D
 Acq On : 26 Sep 2019 17:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 27 18:31:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 12:03:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	229777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.88	114	361033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	352494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	190761	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.36	65	110644	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.94	113	112713	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.36	98	447735	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.65	95	153599	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	87582	55.577	ug/l	90
3) Chloromethane	2.21	50	210162	53.865	ug/l	96
4) Vinyl Chloride	2.36	62	237033	48.635	ug/l	98
5) Bromomethane	2.78	94	145566	51.049	ug/l	100
6) Chloroethane	2.94	64	159421	57.416	ug/l	97
7) Trichlorofluoromethane	3.29	101	332066	50.678	ug/l	95
8) Diethyl Ether	3.72	74	51732	54.446	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.10	101	95751	49.260	ug/l	99
10) Methyl Iodide	4.31	142	133472	57.514	ug/l	99
11) Tert butyl alcohol	5.27	59	42840	289.217	ug/l #	72
12) 1,1-Dichloroethene	4.08	96	95823	48.837	ug/l	92
13) Acrolein	3.94	56	48324	235.436	ug/l	97
14) Allyl chloride	4.74	41	151160	48.738	ug/l	97
15) Acrylonitrile	5.46	53	121984	258.440	ug/l	99
16) Acetone	4.19	43	131181	304.076	ug/l	96
17) Carbon Disulfide	4.42	76	326167	49.175	ug/l	99
18) Methyl Acetate	4.75	43	55700	53.206	ug/l	96
19) Methyl tert-butyl Ether	5.51	73	253829	51.671	ug/l	91
20) Methylene Chloride	4.99	84	125903	53.266	ug/l	96
21) trans-1,2-Dichloroethene	5.50	96	115374	50.517	ug/l	95
22) Diisopropyl ether	6.39	45	317699	49.597	ug/l	97
23) Vinyl Acetate	6.34	43	984501	259.849	ug/l	100
24) 1,1-Dichloroethane	6.29	63	200918	51.628	ug/l	97
25) 2-Butanone	7.24	43	169887	267.573	ug/l	94
26) 2,2-Dichloropropane	7.23	77	180268	49.531	ug/l	98
27) cis-1,2-Dichloroethene	7.23	96	132677	51.772	ug/l	99
28) Bromochloromethane	7.57	49	80935	53.000	ug/l #	98
29) Tetrahydrofuran	7.59	42	97668	256.725	ug/l	96
30) Chloroform	7.74	83	214230	50.682	ug/l	96
31) Cyclohexane	8.01	56	184360	55.423	ug/l	98
32) 1,1,1-Trichloroethane	7.93	97	192720	50.422	ug/l	96
36) 1,1-Dichloropropene	8.13	75	169286	51.405	ug/l	98
37) Ethyl Acetate	7.33	43	66576	54.461	ug/l	99
38) Carbon Tetrachloride	8.12	117	178291	52.016	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.37	83	213023	51.950	ug/l	99
40) Benzene	8.37	78	468939	51.706	ug/l	100
41) Methacrylonitrile	7.55	41	40080	55.847	ug/l	96
42) 1,2-Dichloroethane	8.45	62	135129	50.952	ug/l	99
43) Isopropyl Acetate	8.48	43	139734	50.679	ug/l	98
44) Trichloroethene	9.13	130	135188	51.471	ug/l	97
45) 1,2-Dichloropropane	9.41	63	115927	51.745	ug/l	97
46) Dibromomethane	9.50	93	66158	52.320	ug/l	98
47) Bromodichloromethane	9.68	83	171814	52.709	ug/l	99
48) Methyl methacrylate	9.47	41	70947	56.574	ug/l	93
49) 1,4-Dioxane	9.48	88	19324	1095.454	ug/l	89
51) 4-Methyl-2-Pentanone	10.25	43	358114	257.815	ug/l	98
52) Toluene	10.42	92	324552	52.777	ug/l	98
53) t-1,3-Dichloropropene	10.64	75	168887	52.270	ug/l	99
54) cis-1,3-Dichloropropene	10.11	75	197944	53.970	ug/l	97
55) 1,1,2-Trichloroethane	10.82	97	92743	51.906	ug/l	93
56) Ethyl methacrylate	10.68	69	120341	52.991	ug/l	99
57) 1,3-Dichloropropane	10.96	76	158912	52.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.96	63	252073	248.347	ug/l	97
59) 2-Hexanone	11.00	43	264727	267.109	ug/l	99
60) Dibromochloromethane	11.16	129	128192	54.366	ug/l	99
61) 1,2-Dibromoethane	11.26	107	95317	53.363	ug/l	98
64) Tetrachloroethene	10.89	164	122300	51.507	ug/l	96
65) Chlorobenzene	11.68	112	359000	50.630	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.76	131	133813	51.350	ug/l	100
67) Ethyl Benzene	11.76	91	664730	51.900	ug/l	99
68) m/p-Xylenes	11.87	106	515891	104.889	ug/l	97
69) o-Xylene	12.20	106	242967	52.338	ug/l	99
70) Styrene	12.21	104	412589	52.514	ug/l	98
71) Bromoform	12.38	173	79038	54.599	ug/l #	99
73) Isopropylbenzene	12.50	105	657889	50.492	ug/l	100
74) N-amyl acetate	12.30	43	140186	49.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	107831	49.650	ug/l	99
76) 1,2,3-Trichloropropane	12.80	75	77131m	53.324	ug/l	
77) Bromobenzene	12.77	156	161883	51.697	ug/l	99
78) n-propylbenzene	12.83	91	773831	50.481	ug/l	97
79) 2-Chlorotoluene	12.92	91	422331	51.079	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	556568	51.241	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	36986	51.067	ug/l	99
82) 4-Chlorotoluene	13.02	91	439682	49.850	ug/l	99
83) tert-Butylbenzene	13.24	119	487528	51.369	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	567922	51.503	ug/l	100
85) sec-Butylbenzene	13.41	105	676008	51.189	ug/l	100
86) p-Isopropyltoluene	13.53	119	639679	51.575	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	311909	50.732	ug/l	97
88) 1,4-Dichlorobenzene	13.61	146	314395	51.417	ug/l	99
89) n-Butylbenzene	13.86	91	605869	51.326	ug/l	99
90) Hexachloroethane	14.13	117	117622	51.200	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	278429	52.795	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	17740	48.411	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	218902	54.659	ug/l	99
94) Hexachlorobutadiene	15.28	225	122998	54.204	ug/l	97
95) Naphthalene	15.41	128	391485	54.434	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	188854	53.189	ug/l	97

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

