

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011819\
 Data File : VD060755.D
 Acq On : 18 Jan 2019 11:26
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 19 02:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D011819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 17 12:34:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.80	168	1562217	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.98	114	2144075	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.15	117	1739936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	868831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.21	65	177289	16.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	32.84%	
35) Dibromofluoromethane	6.68	113	190326	12.13	ug/l	0.02
Spiked Amount	50.000		Recovery	=	24.26%	
50) Toluene-d8	10.19	98	466795	9.97	ug/l	0.02
Spiked Amount	50.000		Recovery	=	19.94%	
62) 4-Bromofluorobenzene	13.35	95	217265	13.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	26.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.59	85	129008	6.463	ug/l	96
3) Chloromethane	1.77	50	90469	4.925	ug/l	98
4) Vinyl Chloride	1.85	62	93776	6.430	ug/l	93
5) Bromomethane	2.14	94	23754	7.271	ug/l	81
6) Chloroethane	2.26	64	28962	6.654	ug/l	95
7) Trichlorofluoromethane	2.50	101	156417	9.642	ug/l	94
8) Diethyl Ether	2.80	74	22323	8.225	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.07	101	82945	7.882	ug/l #	83
10) Methyl Iodide	3.23	142	77086	6.970	ug/l #	65
11) Tert butyl alcohol	3.93	59	42472	94.133	ug/l	96
12) 1,1-Dichloroethene	3.06	96	55688	6.441	ug/l #	70
13) Acrolein	2.96	56	23767	51.692	ug/l	97
14) Allyl chloride	3.51	41	128036	8.070	ug/l #	83
15) Acrylonitrile	4.04	53	135119	51.583	ug/l	95
16) Acetone	3.14	43	97008	51.453	ug/l #	88
17) Carbon Disulfide	3.30	76	201421	7.294	ug/l	98
18) Methyl Acetate	3.53	43	48398m	10.358	ug/l	
19) Methyl tert-butyl Ether	4.08	73	288512	13.152	ug/l	95
20) Methylene Chloride	3.69	84	164275	8.390	ug/l	90
21) trans-1,2-Dichloroethene	4.06	96	141718	8.003	ug/l	90
22) Diisopropyl ether	4.89	45	510693	9.480	ug/l #	88
23) Vinyl Acetate	4.83	43	1375786	52.789	ug/l	97
24) 1,1-Dichloroethane	4.78	63	288328	10.176	ug/l	98
25) 2-Butanone	5.83	43	200773	55.650	ug/l	94
26) 2,2-Dichloropropane	5.80	77	272153	12.168	ug/l	85
27) cis-1,2-Dichloroethene	5.81	96	159168	8.855	ug/l	82
28) Bromochloromethane	6.20	49	127982	10.692	ug/l	100
29) Tetrahydrofuran	6.23	42	108163	52.885	ug/l #	90
30) Chloroform	6.42	83	299513	10.505	ug/l	99
31) Cyclohexane	6.71	56	247207	9.066	ug/l	91
32) 1,1,1-Trichloroethane	6.63	97	266268	11.288	ug/l #	92
36) 1,1-Dichloropropene	6.91	75	229586	10.399	ug/l	96
37) Ethyl Acetate	5.93	43	95893	10.385	ug/l #	95
38) Carbon Tetrachloride	6.87	117	231136	11.867	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.63	83	233248	9.263	ug/l #	86
40) Benzene	7.21	78	531387	9.318	ug/l	99
41) Methacrylonitrile	6.20	41	54114m	10.595	ug/l	
42) 1,2-Dichloroethane	7.34	62	190042	13.428	ug/l	89
43) Isopropyl Acetate	9.00	43	135372	11.424	ug/l #	96
44) Trichloroethene	8.31	130	167614	9.930	ug/l	99
45) 1,2-Dichloropropane	8.71	63	140279	10.030	ug/l	92
46) Dibromomethane	8.83	93	81915	10.262	ug/l	93
47) Bromodichloromethane	9.14	83	207355	10.968	ug/l	95
48) Methyl methacrylate	8.89	41	81922	11.383	ug/l #	87
49) 1,4-Dioxane	8.85	88	12213	182.513	ug/l #	81
51) 4-Methyl-2-Pentanone	10.08	43	465351	64.100	ug/l	89
52) Toluene	10.28	92	332077	9.289	ug/l	97
53) t-1,3-Dichloropropene	10.69	75	201237	12.759	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	213657	10.349	ug/l	91
55) 1,1,2-Trichloroethane	10.96	97	94925	9.868	ug/l	95
56) Ethyl methacrylate	10.82	69	113392	12.691	ug/l	88
57) 1,3-Dichloropropane	11.19	76	165600	10.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.63	63	339411	64.472	ug/l	94
59) 2-Hexanone	11.32	43	327826	64.513	ug/l	88
60) Dibromochloromethane	11.47	129	142063	11.595	ug/l	90
61) 1,2-Dibromoethane	11.58	107	105377	10.562	ug/l	91
64) Tetrachloroethene	11.03	164	138002	8.751	ug/l #	87
65) Chlorobenzene	12.18	112	374132	9.733	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.30	131	143046	11.573	ug/l	94
67) Ethyl Benzene	12.31	91	694291	10.546	ug/l	93
68) m/p-Xylenes	12.46	106	461543	19.183	ug/l	86
69) o-Xylene	12.84	106	215614	9.446	ug/l	75
70) Styrene	12.86	104	356112	9.687	ug/l #	89
71) Bromoform	13.03	173	91655	11.234	ug/l #	96
73) Isopropylbenzene	13.20	105	649498	10.500	ug/l	100
74) N-amyl acetate	13.06	43	187258	12.826	ug/l	93
75) 1,1,2,2-Tetrachloroethane	13.49	83	109697	10.940	ug/l	100
76) 1,2,3-Trichloropropane	13.53	75	131997	13.344	ug/l	93
77) Bromobenzene	13.46	156	161296	9.876	ug/l	82
78) n-propylbenzene	13.57	91	829699	10.491	ug/l	97
79) 2-Chlorotoluene	13.64	91	466308	11.009	ug/l	93
80) 1,3,5-Trimethylbenzene	14.04	105	518591	10.857	ug/l	89
81) trans-1,4-Dichloro-2-buten	13.27	75	36962	13.523	ug/l	90
82) 4-Chlorotoluene	13.74	91	493158	10.272	ug/l	95
83) tert-Butylbenzene	13.99	119	563928	10.374	ug/l	80
84) 1,2,4-Trimethylbenzene	14.04	105	518591	10.541	ug/l	96
85) sec-Butylbenzene	14.16	105	665956	10.045	ug/l	98
86) p-Isopropyltoluene	14.29	119	586457	10.959	ug/l	93
87) 1,3-Dichlorobenzene	14.25	146	290862	9.702	ug/l	94
88) 1,4-Dichlorobenzene	14.34	146	279515	9.461	ug/l	95
89) n-Butylbenzene	14.60	91	582763	10.656	ug/l	97
90) Hexachloroethane	14.81	117	152042	11.565	ug/l	94
91) 1,2-Dichlorobenzene	14.61	146	252284	10.490	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.19	75	18877	16.025	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	193216	10.097	ug/l	95
94) Hexachlorobutadiene	15.84	225	143170	10.122	ug/l	96
95) Naphthalene	15.93	128	277158	12.186	ug/l	99
96) 1,2,3-Trichlorobenzene	16.07	180	148746	9.943	ug/l	96

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

