

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022119\
 Data File : VD060891.D
 Acq On : 21 Feb 2019 20:18
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD022119

Quant Time: Feb 22 08:04:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 07:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.78	168	2096967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.96	114	2850738	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	2276012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	1209129	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.20	65	730237	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	6.66	113	1095036	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.18	98	2870982	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	13.35	95	1133470	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	1125954	48.404	ug/l	98
3) Chloromethane	1.74	50	643312	45.919	ug/l	99
4) Vinyl Chloride	1.83	62	599546	48.427	ug/l	100
5) Bromomethane	2.12	94	183827	55.377	ug/l	97
6) Chloroethane	2.22	64	177145	52.070	ug/l	93
7) Trichlorofluoromethane	2.47	101	923582	51.533	ug/l	100
8) Diethyl Ether	2.78	74	427285	55.407	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.04	101	1103659	48.353	ug/l	97
10) Methyl Iodide	3.20	142	1813139	52.722	ug/l	99
11) Tert butyl alcohol	3.87	59	236264	240.443	ug/l	96
12) 1,1-Dichloroethene	3.03	96	966292	49.206	ug/l	99
13) Acrolein	2.93	56	390068	248.103	ug/l	99
14) Allyl chloride	3.48	41	1646021	48.819	ug/l	100
15) Acrylonitrile	4.02	53	910508	257.181	ug/l	97
16) Acetone	3.11	43	983065	233.570	ug/l	99
17) Carbon Disulfide	3.27	76	3762148	50.205	ug/l	100
18) Methyl Acetate	3.49	43	425428	49.629	ug/l	100
19) Methyl tert-butyl Ether	4.05	73	1915779	50.171	ug/l	99
20) Methylene Chloride	3.66	84	1152879	48.382	ug/l	94
21) trans-1,2-Dichloroethene	4.04	96	1058190	48.569	ug/l	97
22) Diisopropyl ether	4.86	45	3131143	48.004	ug/l	96
23) Vinyl Acetate	4.80	43	9170280	256.401	ug/l	99
24) 1,1-Dichloroethane	4.74	63	1724925	49.586	ug/l	100
25) 2-Butanone	5.80	43	1336843	250.751	ug/l	99
26) 2,2-Dichloropropane	5.77	77	1455117	46.810	ug/l	99
27) cis-1,2-Dichloroethene	5.78	96	1133624	47.977	ug/l	99
28) Bromochloromethane	6.18	49	774362	53.478	ug/l	95
29) Tetrahydrofuran	6.20	42	733376	251.881	ug/l	98
30) Chloroform	6.40	83	1996480	49.649	ug/l	98
31) Cyclohexane	6.70	56	1370683	46.518	ug/l	94
32) 1,1,1-Trichloroethane	6.61	97	1482658	48.010	ug/l	98
36) 1,1-Dichloropropene	6.89	75	1488489	50.624	ug/l	98
37) Ethyl Acetate	5.91	43	705748	55.400	ug/l	99
38) Carbon Tetrachloride	6.86	117	1340267	51.993	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.62	83	1578255	48.374	ug/l	99
40) Benzene	7.21	78	3817127	50.540	ug/l	100
41) Methacrylonitrile	6.18	41	378033m	52.723	ug/l	
42) 1,2-Dichloroethane	7.32	62	1028065	54.389	ug/l	96
43) Isopropyl Acetate	8.99	43	969363	54.724	ug/l	100
44) Trichloroethene	8.29	130	1250339	53.578	ug/l	99
45) 1,2-Dichloropropane	8.69	63	914575	53.074	ug/l	97
46) Dibromomethane	8.82	93	618053	51.345	ug/l	99
47) Bromodichloromethane	9.13	83	1504748	53.012	ug/l	98
48) Methyl methacrylate	8.88	41	528838	51.065	ug/l	96
49) 1,4-Dioxane	8.83	88	123180	1044.277	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	2679431	240.712	ug/l	100
52) Toluene	10.28	92	2106043	47.386	ug/l	99
53) t-1,3-Dichloropropene	10.68	75	1265046	48.459	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	1517647	49.307	ug/l	98
55) 1,1,2-Trichloroethane	10.97	97	711364	51.693	ug/l	98
56) Ethyl methacrylate	10.82	69	798783	53.045	ug/l	97
57) 1,3-Dichloropropane	11.18	76	1142362	49.713	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.62	63	1896194	245.363	ug/l	99
59) 2-Hexanone	11.31	43	2015997	250.967	ug/l	99
60) Dibromochloromethane	11.47	129	1013280	50.315	ug/l	99
61) 1,2-Dibromoethane	11.59	107	825954	53.731	ug/l	97
64) Tetrachloroethene	11.03	164	1073447	52.902	ug/l	98
65) Chlorobenzene	12.19	112	2419892	53.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.30	131	939904	51.167	ug/l	99
67) Ethyl Benzene	12.31	91	3931524	48.848	ug/l	98
68) m/p-Xylenes	12.46	106	2734075	98.947	ug/l	99
69) o-Xylene	12.85	106	1214300	45.440	ug/l	99
70) Styrene	12.87	104	2193700	48.415	ug/l	99
71) Bromoform	13.03	173	734749	56.044	ug/l #	99
73) Isopropylbenzene	13.20	105	3647286	48.724	ug/l	100
74) N-amyl acetate	13.06	43	1153945	51.692	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.50	83	895806	54.455	ug/l	99
76) 1,2,3-Trichloropropane	13.53	75	932963	55.336	ug/l	97
77) Bromobenzene	13.47	156	1162643	51.215	ug/l	89
78) n-propylbenzene	13.57	91	5012638	51.822	ug/l	99
79) 2-Chlorotoluene	13.64	91	2726817	50.947	ug/l	94
80) 1,3,5-Trimethylbenzene	14.04	105	3050321	51.251	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.27	75	249064	50.009	ug/l	97
82) 4-Chlorotoluene	13.75	91	2996561	50.905	ug/l	92
83) tert-Butylbenzene	13.99	119	3607766	52.210	ug/l	96
84) 1,2,4-Trimethylbenzene	14.04	105	3050321	51.251	ug/l	98
85) sec-Butylbenzene	14.16	105	3886074	50.821	ug/l	99
86) p-Isopropyltoluene	14.29	119	3093345	47.803	ug/l	98
87) 1,3-Dichlorobenzene	14.25	146	2170582	52.290	ug/l	99
88) 1,4-Dichlorobenzene	14.34	146	2056488	50.721	ug/l	96
89) n-Butylbenzene	14.60	91	3161748	50.545	ug/l	98
90) Hexachloroethane	14.81	117	916182	51.898	ug/l	74
91) 1,2-Dichlorobenzene	14.61	146	1689551	50.377	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.19	75	120819	57.303	ug/l	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	1187033	51.835	ug/l	98
94) Hexachlorobutadiene	15.85	225	736285	49.656	ug/l	98
95) Naphthalene	15.93	128	1664243	52.851	ug/l	100
96) 1,2,3-Trichlorobenzene	16.07	180	793685	51.836	ug/l	99

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

