

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061649.D
 Acq On : 8 Apr 2019 14:20
 Operator : VA/AP
 Sample : VD0408SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0408SBS01

Quant Time: Apr 09 01:15:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	666814	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1047954	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	926797	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	436502	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	248876	49.24	ug/l	0.01
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	6.93	113	350899	48.33	ug/l	0.01
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	10.42	98	831751	45.60	ug/l	0.01
Spiked Amount			Recovery	=	91.20%	
62) 4-Bromofluorobenzene	13.57	95	307148	47.38	ug/l	0.01
Spiked Amount			Recovery	=	94.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	107951	15.006	ug/l	93
3) Chloromethane	1.77	50	92921	15.984	ug/l	98
4) Vinyl Chloride	1.84	62	89042	16.392	ug/l	93
5) Bromomethane	2.15	94	15287	12.158	ug/l	96
6) Chloroethane	2.26	64	24308	14.287	ug/l	91
7) Trichlorofluoromethane	2.52	101	116391	14.191	ug/l	99
8) Diethyl Ether	2.88	74	38780	16.847	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.15	101	132427	16.423	ug/l	98
10) Methyl Iodide	3.31	142	131017	13.753	ug/l	97
11) Tert butyl alcohol	4.07	59	31921	94.234	ug/l #	94
12) 1,1-Dichloroethene	3.12	96	115994	16.686	ug/l	97
13) Acrolein	3.04	56	40580	98.257	ug/l	88
14) Allyl chloride	3.63	41	150127	15.834	ug/l	99
15) Acrylonitrile	4.20	53	88340	75.759	ug/l	91
16) Acetone	3.23	43	113668	75.230	ug/l	99
17) Carbon Disulfide	3.38	76	356326	15.775	ug/l	99
18) Methyl Acetate	3.64	43	46139	16.231	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	195425	16.236	ug/l	98
20) Methylene Chloride	3.82	84	156747	18.282	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	114163	15.121	ug/l	94
22) Diisopropyl ether	5.12	45	331727	16.688	ug/l	93
23) Vinyl Acetate	5.06	43	892347	81.356	ug/l	100
24) 1,1-Dichloroethane	4.99	63	189803	15.582	ug/l	99
25) 2-Butanone	6.08	43	147387	84.615	ug/l	96
26) 2,2-Dichloropropane	6.03	77	169335	17.072	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	133616	16.589	ug/l	98
28) Bromochloromethane	6.45	49	76795	17.090	ug/l	99
29) Tetrahydrofuran	6.46	42	71738	85.316	ug/l	99
30) Chloroform	6.68	83	199871	15.663	ug/l	98
31) Cyclohexane	6.97	56	148164	15.570	ug/l	98
32) 1,1,1-Trichloroethane	6.88	97	178188	15.934	ug/l	96
36) 1,1-Dichloropropene	7.16	75	154481	16.844	ug/l	100
37) Ethyl Acetate	6.20	43	66060	17.684	ug/l	96
38) Carbon Tetrachloride	7.12	117	182803	17.007	ug/l	94

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39) Methylcyclohexane	8.87	83	152220	16.166	ug/l	99
40) Benzene	7.47	78	393480	17.784	ug/l	100
41) Methacrylonitrile	6.46	41	79861	18.313	ug/l #	90
42) 1,2-Dichloroethane	7.59	62	125603	18.050	ug/l	98
43) Isopropyl Acetate	9.26	43	99616	18.374	ug/l #	97
44) Trichloroethene	8.55	130	148013	17.449	ug/l	95
45) 1,2-Dichloropropane	8.95	63	98573	17.964	ug/l	99
46) Dibromomethane	9.08	93	70098	17.875	ug/l	94
47) Bromodichloromethane	9.38	83	153904	17.869	ug/l	98
48) Methyl methacrylate	9.13	41	54389	17.403	ug/l	94
49) 1,4-Dioxane	9.09	88	13412	388.804	ug/l #	85
51) 4-Methyl-2-Pentanone	10.31	43	312347	97.417	ug/l	99
52) Toluene	10.53	92	237177	17.166	ug/l	97
53) t-1,3-Dichloropropene	10.93	75	139609	18.491	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	164252	17.648	ug/l	97
55) 1,1,2-Trichloroethane	11.21	97	82297	17.661	ug/l	96
56) Ethyl methacrylate	11.05	69	86234	17.542	ug/l	98
57) 1,3-Dichloropropane	11.42	76	125953	18.457	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	262621	113.222	ug/l	97
59) 2-Hexanone	11.54	43	227452	91.407	ug/l	100
60) Dibromochloromethane	11.70	129	137676	18.700	ug/l	99
61) 1,2-Dibromoethane	11.82	107	96858	17.773	ug/l	98
64) Tetrachloroethene	11.28	164	117770	16.370	ug/l	97
65) Chlorobenzene	12.41	112	299564	16.299	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.53	131	124437	17.595	ug/l	98
67) Ethyl Benzene	12.54	91	488472	17.453	ug/l	98
68) m/p-Xylenes	12.68	106	345543	32.024	ug/l	98
69) o-Xylene	13.06	106	162709	15.622	ug/l	99
70) Styrene	13.09	104	303271	17.049	ug/l	98
71) Bromoform	13.24	173	72870	16.606	ug/l	96
73) Isopropylbenzene	13.41	105	465636	16.010	ug/l	97
74) N-amyl acetate	13.27	43	125798	15.919	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.71	83	98073	16.308	ug/l	99
76) 1,2,3-Trichloropropane	13.75	75	95500	16.081	ug/l	99
77) Bromobenzene	13.68	156	142495	16.879	ug/l	88
78) n-propylbenzene	13.79	91	563129	16.186	ug/l	95
79) 2-Chlorotoluene	13.84	91	318438	16.006	ug/l	90
80) 1,3,5-Trimethylbenzene	13.94	105	349419	15.136	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	27996	15.535	ug/l	89
82) 4-Chlorotoluene	13.95	91	314865	14.443	ug/l	91
83) tert-Butylbenzene	14.20	119	455456	16.364	ug/l	97
84) 1,2,4-Trimethylbenzene	14.25	105	392014	16.826	ug/l	99
85) sec-Butylbenzene	14.38	105	461481	15.346	ug/l	98
86) p-Isopropyltoluene	14.50	119	454251	17.413	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	235066	16.179	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	243689	16.623	ug/l	95
89) n-Butylbenzene	14.81	91	400077	17.644	ug/l	99
90) Hexachloroethane	15.02	117	115110	16.262	ug/l	84
91) 1,2-Dichlorobenzene	14.82	146	201720	16.846	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12807	17.648	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	120861	19.811	ug/l	97
94) Hexachlorobutadiene	16.05	225	86356	18.332	ug/l	97
95) Naphthalene	16.13	128	204443	21.179	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	76038	24.974	ug/l	98

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

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