

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061468.D
 Acq On : 1 Apr 2019 15:04
 Operator : VA/AP
 Sample : VD0401SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBS01

Quant Time: Apr 02 01:17:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	762682	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1269163	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	1044977	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	450977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	327637	50.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	6.93	113	518343	53.44	ug/l	0.03
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	10.41	98	1303646	56.04	ug/l	0.02
Spiked Amount	50.000		Recovery	=	112.08%	
62) 4-Bromofluorobenzene	13.55	95	486103	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	169532	20.814	ug/l	96
3) Chloromethane	1.77	50	141005	21.227	ug/l	100
4) Vinyl Chloride	1.86	62	137841	22.600	ug/l	96
5) Bromomethane	2.16	94	21871	18.083	ug/l #	93
6) Chloroethane	2.27	64	36233	20.257	ug/l	94
7) Trichlorofluoromethane	2.54	101	177989	20.068	ug/l	100
8) Diethyl Ether	2.89	74	58637	20.534	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.16	101	193774	20.322	ug/l	98
10) Methyl Iodide	3.32	142	252097	19.652	ug/l	98
11) Tert butyl alcohol	4.08	59	40690	100.285	ug/l	98
12) 1,1-Dichloroethene	3.13	96	160700	19.630	ug/l	99
13) Acrolein	3.04	56	31439	86.734	ug/l	94
14) Allyl chloride	3.63	41	258334	22.625	ug/l	93
15) Acrylonitrile	4.21	53	139876	99.326	ug/l	93
16) Acetone	3.22	43	162385	96.957	ug/l	96
17) Carbon Disulfide	3.39	76	523691	19.689	ug/l	99
18) Methyl Acetate	3.65	43	79108	22.465	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	304493	21.488	ug/l	99
20) Methylene Chloride	3.82	84	206208	20.859	ug/l	98
21) trans-1,2-Dichloroethene	4.23	96	191799	21.701	ug/l	98
22) Diisopropyl ether	5.12	45	524759	21.718	ug/l	97
23) Vinyl Acetate	5.06	43	1317187	100.358	ug/l	100
24) 1,1-Dichloroethane	4.99	63	295144	20.785	ug/l	99
25) 2-Butanone	6.08	43	206232	97.890	ug/l	99
26) 2,2-Dichloropropane	6.03	77	228481	20.241	ug/l	97
27) cis-1,2-Dichloroethene	6.05	96	194394	20.075	ug/l	98
28) Bromochloromethane	6.44	49	117843	20.559	ug/l #	97
29) Tetrahydrofuran	6.46	42	116275	113.867	ug/l	99
30) Chloroform	6.67	83	307580	20.963	ug/l	99
31) Cyclohexane	6.96	56	246549	21.971	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	277896	21.468	ug/l	96
36) 1,1-Dichloropropene	7.15	75	234107	21.135	ug/l	99
37) Ethyl Acetate	6.18	43	103126	21.769	ug/l	96
38) Carbon Tetrachloride	7.12	117	262740	20.642	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	227151	19.690	ug/l	98
40) Benzene	7.46	78	604105	21.730	ug/l	100
41) Methacrylonitrile	6.45	41	126774	22.887	ug/l	97
42) 1,2-Dichloroethane	7.58	62	175723	21.131	ug/l	99
43) Isopropyl Acetate	9.24	43	142190	20.629	ug/l	98
44) Trichloroethene	8.54	130	210299	20.327	ug/l	99
45) 1,2-Dichloropropane	8.94	63	155970	22.126	ug/l	97
46) Dibromomethane	9.06	93	100133	21.104	ug/l	96
47) Bromodichloromethane	9.37	83	232024	21.788	ug/l	100
48) Methyl methacrylate	9.12	41	78303	20.584	ug/l	98
49) 1,4-Dioxane	9.08	88	18005	429.120	ug/l	92
51) 4-Methyl-2-Pentanone	10.30	43	443277	105.706	ug/l	98
52) Toluene	10.51	92	393580	23.206	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	202867	20.967	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	271163	23.016	ug/l	99
55) 1,1,2-Trichloroethane	11.19	97	117512	19.812	ug/l	98
56) Ethyl methacrylate	11.04	69	134918	21.174	ug/l	97
57) 1,3-Dichloropropane	11.40	76	190927	21.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	332539	107.165	ug/l	99
59) 2-Hexanone	11.53	43	319988	105.318	ug/l	97
60) Dibromochloromethane	11.69	129	197489	21.598	ug/l	96
61) 1,2-Dibromoethane	11.81	107	147172	21.428	ug/l	96
64) Tetrachloroethene	11.26	164	176770	21.554	ug/l	99
65) Chlorobenzene	12.40	112	460149	21.547	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.52	131	184495	22.312	ug/l	97
67) Ethyl Benzene	12.52	91	749315	22.987	ug/l	99
68) m/p-Xylenes	12.66	106	543497	44.016	ug/l	97
69) o-Xylene	13.05	106	272267	22.722	ug/l	99
70) Styrene	13.07	104	464268	22.227	ug/l	96
71) Bromoform	13.23	173	104176	19.875	ug/l	98
73) Isopropylbenzene	13.40	105	717759	22.868	ug/l	100
74) N-amyl acetate	13.26	43	181588	20.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	130956	19.778	ug/l	95
76) 1,2,3-Trichloropropane	13.73	75	135246	20.761	ug/l	97
77) Bromobenzene	13.67	156	194087	20.858	ug/l	86
78) n-propylbenzene	13.78	91	870499	22.663	ug/l	98
79) 2-Chlorotoluene	13.83	91	506602	24.290	ug/l	93
80) 1,3,5-Trimethylbenzene	13.93	105	571723	23.476	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	42262	21.277	ug/l	99
82) 4-Chlorotoluene	13.94	91	516229	22.764	ug/l	92
83) tert-Butylbenzene	14.19	119	658992	21.653	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	567977	21.543	ug/l	97
85) sec-Butylbenzene	14.37	105	719795	22.263	ug/l	99
86) p-Isopropyltoluene	14.49	119	638921	23.369	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	358288	22.738	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	342391	22.282	ug/l	96
89) n-Butylbenzene	14.80	91	583479	23.252	ug/l	98
90) Hexachloroethane	15.01	117	168168	21.773	ug/l	83
91) 1,2-Dichlorobenzene	14.81	146	299630	23.183	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	17648	22.726	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	119945	20.372	ug/l	99
94) Hexachlorobutadiene	16.04	225	94386	20.515	ug/l	97
95) Naphthalene	16.12	128	165859	18.481	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	54554	21.056	ug/l	99

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

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