

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061515.D
 Acq On : 2 Apr 2019 15:38
 Operator : VA/AP
 Sample : VD0402SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0402SBSD01

Quant Time: Apr 03 01:51:15 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	7.03	168	655371	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1096125	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	892706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	430205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	305959	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	6.90	113	460628	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
50) Toluene-d8	10.40	98	1175855	58.53	ug/l	0.01
Spiked Amount	50.000		Recovery	=	117.06%	
62) 4-Bromofluorobenzene	13.55	95	416578	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	150435	21.494	ug/l	98
3) Chloromethane	1.76	50	121009	21.199	ug/l	97
4) Vinyl Chloride	1.84	62	115754	22.086	ug/l	94
5) Bromomethane	2.14	94	19444	18.709	ug/l	87
6) Chloroethane	2.25	64	29647	19.289	ug/l	91
7) Trichlorofluoromethane	2.52	101	149439	19.608	ug/l	97
8) Diethyl Ether	2.87	74	49763	20.280	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	175247	21.389	ug/l	96
10) Methyl Iodide	3.29	142	221254	19.997	ug/l	97
11) Tert butyl alcohol	4.05	59	40803	117.030	ug/l	97
12) 1,1-Dichloroethene	3.11	96	142640	20.277	ug/l	98
13) Acrolein	3.03	56	25349	79.828	ug/l	96
14) Allyl chloride	3.61	41	205513	20.946	ug/l	98
15) Acrylonitrile	4.18	53	143655	118.713	ug/l	96
16) Acetone	3.21	43	146695	101.930	ug/l	99
17) Carbon Disulfide	3.36	76	441329	19.310	ug/l	97
18) Methyl Acetate	3.63	43	65948	21.794	ug/l	94
19) Methyl tert-butyl Ether	4.23	73	282420	23.193	ug/l	99
20) Methylene Chloride	3.80	84	187316	22.165	ug/l	94
21) trans-1,2-Dichloroethene	4.21	96	177315	23.347	ug/l	97
22) Diisopropyl ether	5.10	45	479565	23.097	ug/l	97
23) Vinyl Acetate	5.03	43	1254234	111.209	ug/l	98
24) 1,1-Dichloroethane	4.97	63	260258	21.329	ug/l	97
25) 2-Butanone	6.05	43	200421	110.708	ug/l	100
26) 2,2-Dichloropropane	6.01	77	219715	22.651	ug/l	97
27) cis-1,2-Dichloroethene	6.02	96	185946	22.346	ug/l	96
28) Bromochloromethane	6.42	49	109334	22.197	ug/l #	98
29) Tetrahydrofuran	6.43	42	104264	118.824	ug/l	98
30) Chloroform	6.65	83	277270	21.991	ug/l	99
31) Cyclohexane	6.93	56	193790	20.098	ug/l	99
32) 1,1,1-Trichloroethane	6.86	97	236685	21.279	ug/l	96
36) 1,1-Dichloropropene	7.13	75	211132	22.070	ug/l	99
37) Ethyl Acetate	6.17	43	92713	22.660	ug/l #	93
38) Carbon Tetrachloride	7.09	117	234814	21.360	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	221617	22.243	ug/l	99
40) Benzene	7.44	78	537532	22.388	ug/l	98
41) Methacrylonitrile	6.43	41	115083	24.056	ug/l	96
42) 1,2-Dichloroethane	7.55	62	161265	22.454	ug/l	99
43) Isopropyl Acetate	9.23	43	129166	21.698	ug/l	99
44) Trichloroethene	8.53	130	200634	22.454	ug/l	94
45) 1,2-Dichloropropane	8.92	63	128698	21.139	ug/l	99
46) Dibromomethane	9.05	93	93423	22.798	ug/l	98
47) Bromodichloromethane	9.36	83	205208	22.312	ug/l	100
48) Methyl methacrylate	9.10	41	71537	21.774	ug/l	97
49) 1,4-Dioxane	9.06	88	17720	488.997	ug/l	89
51) 4-Methyl-2-Pentanone	10.28	43	413601	114.199	ug/l	98
52) Toluene	10.50	92	333888	22.794	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	200942	24.047	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	233047	22.904	ug/l	96
55) 1,1,2-Trichloroethane	11.18	97	115959	22.637	ug/l	94
56) Ethyl methacrylate	11.03	69	117322	21.319	ug/l	97
57) 1,3-Dichloropropane	11.39	76	174652	23.196	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.84	63	332862	124.203	ug/l	99
59) 2-Hexanone	11.52	43	310643	118.382	ug/l	97
60) Dibromochloromethane	11.67	129	174194	22.058	ug/l	99
61) 1,2-Dibromoethane	11.79	107	131082	22.098	ug/l	98
64) Tetrachloroethene	11.25	164	144934	20.687	ug/l	98
65) Chlorobenzene	12.39	112	416895	22.851	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	164130	23.235	ug/l	97
67) Ethyl Benzene	12.52	91	620759	22.292	ug/l	98
68) m/p-Xylenes	12.65	106	470475	44.601	ug/l	93
69) o-Xylene	13.04	106	230087	22.477	ug/l	100
70) Styrene	13.06	104	385820	21.621	ug/l	95
71) Bromoform	13.22	173	93479	20.876	ug/l	97
73) Isopropylbenzene	13.39	105	676595	22.597	ug/l	99
74) N-amyl acetate	13.25	43	162428	19.474	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	133509	21.137	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	118394	19.052	ug/l	97
77) Bromobenzene	13.66	156	182787	20.592	ug/l	91
78) n-propylbenzene	13.77	91	744001	20.305	ug/l	99
79) 2-Chlorotoluene	13.83	91	423556	21.289	ug/l	99
80) 1,3,5-Trimethylbenzene	13.92	105	546762	23.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	40164	21.197	ug/l	98
82) 4-Chlorotoluene	13.93	91	521520	24.107	ug/l	86
83) tert-Butylbenzene	14.18	119	597029	20.564	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	527104	20.958	ug/l	98
85) sec-Butylbenzene	14.36	105	610502	19.794	ug/l	99
86) p-Isopropyltoluene	14.48	119	606835	23.268	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	303193	20.171	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	320444	21.860	ug/l	98
89) n-Butylbenzene	14.79	91	535820	22.384	ug/l	100
90) Hexachloroethane	15.00	117	158336	21.489	ug/l	71
91) 1,2-Dichlorobenzene	14.80	146	270715	21.957	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15844	21.388	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	145812	25.961	ug/l	99
94) Hexachlorobutadiene	16.03	225	105270	23.986	ug/l	97
95) Naphthalene	16.12	128	203729	23.797	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	71515	28.936	ug/l	95

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

