

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061602.D
 Acq On : 5 Apr 2019 4:19
 Operator : VA/AP
 Sample : VD0404SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBS02

Quant Time: Apr 05 04:52:56 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	7.02	168	501546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	785449	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	696249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	312742	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	250992	58.58	ug/l	0.00
Spiked Amount			Recovery	=	117.16%	
35) Dibromofluoromethane	6.89	113	375730	62.60	ug/l	0.00
Spiked Amount			Recovery	=	125.20%	
50) Toluene-d8	10.39	98	845105	58.70	ug/l	0.00
Spiked Amount			Recovery	=	117.40%	
62) 4-Bromofluorobenzene	13.54	95	356290	64.54	ug/l	0.00
Spiked Amount			Recovery	=	129.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	112461	20.996	ug/l	98
3) Chloromethane	1.75	50	98112	22.460	ug/l	100
4) Vinyl Chloride	1.84	62	91732	22.871	ug/l	99
5) Bromomethane	2.14	94	18778	23.610	ug/l	98
6) Chloroethane	2.26	64	26742	22.736	ug/l	97
7) Trichlorofluoromethane	2.52	101	129487	22.201	ug/l	100
8) Diethyl Ether	2.86	74	43638	23.238	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.14	101	141633	22.588	ug/l	97
10) Methyl Iodide	3.29	142	187501	21.772	ug/l	99
11) Tert butyl alcohol	4.04	59	34416	128.986	ug/l #	95
12) 1,1-Dichloroethene	3.11	96	117774	21.877	ug/l	97
13) Acrolein	3.03	56	14193	51.634	ug/l	92
14) Allyl chloride	3.61	41	170300	22.680	ug/l	96
15) Acrylonitrile	4.17	53	119396	128.927	ug/l	98
16) Acetone	3.20	43	116806	106.055	ug/l	95
17) Carbon Disulfide	3.36	76	348449	19.922	ug/l	99
18) Methyl Acetate	3.62	43	63956	27.618	ug/l	97
19) Methyl tert-butyl Ether	4.21	73	241812	25.949	ug/l	97
20) Methylene Chloride	3.79	84	171392	26.891	ug/l	93
21) trans-1,2-Dichloroethene	4.20	96	136537	23.492	ug/l	97
22) Diisopropyl ether	5.09	45	377409	23.752	ug/l	99
23) Vinyl Acetate	5.02	43	1038724	120.348	ug/l	98
24) 1,1-Dichloroethane	4.96	63	219124	23.466	ug/l	99
25) 2-Butanone	6.04	43	159937	115.442	ug/l	99
26) 2,2-Dichloropropane	5.99	77	168150	22.652	ug/l	97
27) cis-1,2-Dichloroethene	6.02	96	157905	24.797	ug/l	99
28) Bromochloromethane	6.41	49	86130	22.849	ug/l #	100
29) Tetrahydrofuran	6.43	42	90996	135.509	ug/l	98
30) Chloroform	6.64	83	250389	25.950	ug/l	100
31) Cyclohexane	6.92	56	156237	21.172	ug/l	96
32) 1,1,1-Trichloroethane	6.85	97	205390	24.129	ug/l	97
36) 1,1-Dichloropropene	7.12	75	173910	25.369	ug/l	98
37) Ethyl Acetate	6.16	43	86502	29.505	ug/l	97
38) Carbon Tetrachloride	7.09	117	200004	25.390	ug/l	97

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39) Methylcyclohexane	8.83	83	164103	22.985	ug/l	96
40) Benzene	7.43	78	428336	24.897	ug/l	100
41) Methacrylonitrile	6.42	41	101784	29.692	ug/l	96
42) 1,2-Dichloroethane	7.55	62	154624	30.045	ug/l	96
43) Isopropyl Acetate	9.22	43	109033	25.560	ug/l	97
44) Trichloroethene	8.52	130	159439	24.902	ug/l	94
45) 1,2-Dichloropropane	8.92	63	107177	24.567	ug/l	95
46) Dibromomethane	9.04	93	81788	27.854	ug/l	97
47) Bromodichloromethane	9.35	83	180358	27.366	ug/l	98
48) Methyl methacrylate	9.10	41	61847	26.271	ug/l	92
49) 1,4-Dioxane	9.06	88	12199	469.795	ug/l #	84
51) 4-Methyl-2-Pentanone	10.28	43	361952	139.468	ug/l	96
52) Toluene	10.49	92	272077	25.922	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	169626	28.328	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	181749	24.927	ug/l	96
55) 1,1,2-Trichloroethane	11.17	97	105151	28.646	ug/l	93
56) Ethyl methacrylate	11.02	69	102103	25.892	ug/l	98
57) 1,3-Dichloropropane	11.38	76	141673	26.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.84	63	235371	122.564	ug/l	99
59) 2-Hexanone	11.51	43	277306	147.478	ug/l	99
60) Dibromochloromethane	11.67	129	157702	27.868	ug/l	98
61) 1,2-Dibromoethane	11.79	107	119573	28.131	ug/l	96
64) Tetrachloroethene	11.24	164	131477	24.061	ug/l	97
65) Chlorobenzene	12.38	112	358247	25.177	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.50	131	140710	25.540	ug/l	98
67) Ethyl Benzene	12.51	91	550105	25.329	ug/l	96
68) m/p-Xylenes	12.65	106	417439	50.739	ug/l	95
69) o-Xylene	13.03	106	198857	24.908	ug/l	100
70) Styrene	13.06	104	336922	24.209	ug/l	98
71) Bromoform	13.21	173	87662	25.101	ug/l	98
73) Isopropylbenzene	13.39	105	484298	22.250	ug/l	100
74) N-amyl acetate	13.25	43	149043	24.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	114487	24.934	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	105277	23.304	ug/l	100
77) Bromobenzene	13.66	156	145063	22.480	ug/l	87
78) n-propylbenzene	13.76	91	604872	22.708	ug/l	94
79) 2-Chlorotoluene	13.82	91	350896	24.261	ug/l	95
80) 1,3,5-Trimethylbenzene	13.92	105	412137	24.404	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.46	75	34850	25.301	ug/l #	90
82) 4-Chlorotoluene	13.93	91	406302	25.836	ug/l	93
83) tert-Butylbenzene	14.18	119	506368	23.992	ug/l	94
84) 1,2,4-Trimethylbenzene	14.22	105	436423	23.869	ug/l	99
85) sec-Butylbenzene	14.36	105	485526	21.654	ug/l	98
86) p-Isopropyltoluene	14.47	119	466373	24.598	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	266655	24.403	ug/l	95
88) 1,4-Dichlorobenzene	14.52	146	245032	22.994	ug/l	99
89) n-Butylbenzene	14.79	91	406843	23.379	ug/l	98
90) Hexachloroethane	15.00	117	124586	23.260	ug/l	90
91) 1,2-Dichlorobenzene	14.80	146	228563	25.501	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.37	75	13976	25.952	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	103192	25.274	ug/l	99
94) Hexachlorobutadiene	16.03	225	80891	25.353	ug/l	96
95) Naphthalene	16.11	128	176140	28.302	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	47917	26.669	ug/l	97

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

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