

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061731.D
 Acq On : 11 Apr 2019 10:01
 Operator : VA/AP
 Sample : VD0410SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBS02

Quant Time: Apr 11 11:14:08 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	7.05	168	557029	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	941016	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	834275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	368879	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	230482	54.59	ug/l	0.00
Spiked Amount			Recovery	=	109.18%	
35) Dibromofluoromethane	6.92	113	342558	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
50) Toluene-d8	10.41	98	730655	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	13.55	95	301725	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	97369	16.203	ug/l	97
3) Chloromethane	1.77	50	93367	19.226	ug/l	97
4) Vinyl Chloride	1.86	62	88079	19.410	ug/l	98
5) Bromomethane	2.16	94	17923	17.064	ug/l	91
6) Chloroethane	2.27	64	26897	18.924	ug/l	99
7) Trichlorofluoromethane	2.54	101	134538	19.636	ug/l	96
8) Diethyl Ether	2.88	74	41886	21.783	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.16	101	127446	18.920	ug/l	94
10) Methyl Iodide	3.32	142	169433	19.289	ug/l	96
11) Tert butyl alcohol	4.08	59	29956	105.863	ug/l #	90
12) 1,1-Dichloroethene	3.14	96	111215	19.152	ug/l	97
13) Acrolein	3.04	56	17210	49.884	ug/l	100
14) Allyl chloride	3.63	41	174812	22.072	ug/l	98
15) Acrylonitrile	4.20	53	104718	107.505	ug/l	92
16) Acetone	3.23	43	104881	83.096	ug/l	95
17) Carbon Disulfide	3.39	76	340736	18.058	ug/l	99
18) Methyl Acetate	3.64	43	66861	28.156	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	244899	24.357	ug/l	97
20) Methylene Chloride	3.82	84	166068	23.187	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	131290	20.817	ug/l	97
22) Diisopropyl ether	5.12	45	379815	22.873	ug/l	96
23) Vinyl Acetate	5.06	43	987237	107.746	ug/l	99
24) 1,1-Dichloroethane	4.98	63	213652	20.996	ug/l	97
25) 2-Butanone	6.06	43	151857	104.364	ug/l	100
26) 2,2-Dichloropropane	6.02	77	150156	18.122	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	149491	22.218	ug/l	95
28) Bromochloromethane	6.44	49	81917	21.823	ug/l	100
29) Tetrahydrofuran	6.46	42	79426	113.076	ug/l	96
30) Chloroform	6.66	83	250653	23.513	ug/l	97
31) Cyclohexane	6.95	56	143990	18.113	ug/l	93
32) 1,1,1-Trichloroethane	6.87	97	201712	21.593	ug/l	97
36) 1,1-Dichloropropene	7.15	75	163896	19.901	ug/l	99
37) Ethyl Acetate	6.18	43	74386	22.175	ug/l	98
38) Carbon Tetrachloride	7.11	117	203792	21.114	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	170400	20.153	ug/l	97
40) Benzene	7.45	78	429223	21.603	ug/l	96
41) Methacrylonitrile	6.44	41	92466	23.613	ug/l #	89
42) 1,2-Dichloroethane	7.57	62	152843	24.461	ug/l	97
43) Isopropyl Acetate	9.23	43	113185	23.249	ug/l #	96
44) Trichloroethene	8.53	130	161691	21.228	ug/l	98
45) 1,2-Dichloropropane	8.94	63	108265	21.973	ug/l	98
46) Dibromomethane	9.06	93	82123	23.321	ug/l	94
47) Bromodichloromethane	9.37	83	187042	24.184	ug/l	98
48) Methyl methacrylate	9.12	41	59343	21.147	ug/l	98
49) 1,4-Dioxane	9.07	88	13392	432.342	ug/l #	94
51) 4-Methyl-2-Pentanone	10.30	43	354239	123.038	ug/l	96
52) Toluene	10.50	92	271572	21.889	ug/l	95
53) t-1,3-Dichloropropene	10.91	75	159137	23.473	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	193584	23.163	ug/l	96
55) 1,1,2-Trichloroethane	11.18	97	95476	22.817	ug/l	97
56) Ethyl methacrylate	11.04	69	106163	24.050	ug/l	99
57) 1,3-Dichloropropane	11.40	76	145997	23.825	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.85	63	247234	118.701	ug/l	98
59) 2-Hexanone	11.53	43	245832	110.020	ug/l	99
60) Dibromochloromethane	11.67	129	159575	24.138	ug/l	97
61) 1,2-Dibromoethane	11.80	107	123394	25.216	ug/l	98
64) Tetrachloroethene	11.25	164	136121	21.020	ug/l	94
65) Chlorobenzene	12.39	112	344630	20.830	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	155204	24.378	ug/l	94
67) Ethyl Benzene	12.52	91	579999	23.021	ug/l	99
68) m/p-Xylenes	12.66	106	417029	42.936	ug/l	96
69) o-Xylene	13.04	106	176606	18.836	ug/l	99
70) Styrene	13.06	104	334144	20.868	ug/l	98
71) Bromoform	13.23	173	91672	23.207	ug/l #	93
73) Isopropylbenzene	13.40	105	563559	22.929	ug/l	98
74) N-amyl acetate	13.26	43	140424	21.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	110119	21.668	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	113870	22.690	ug/l	97
77) Bromobenzene	13.66	156	149576	20.966	ug/l	88
78) n-propylbenzene	13.77	91	668503	22.737	ug/l	97
79) 2-Chlorotoluene	13.83	91	382404	22.744	ug/l	90
80) 1,3,5-Trimethylbenzene	13.93	105	372733	19.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	29858	19.606	ug/l	92
82) 4-Chlorotoluene	13.94	91	380766	20.667	ug/l	91
83) tert-Butylbenzene	14.19	119	500652	21.285	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	427849	21.730	ug/l	95
85) sec-Butylbenzene	14.36	105	516660	20.330	ug/l	96
86) p-Isopropyltoluene	14.48	119	499680	22.665	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	270841	22.059	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	249149	20.111	ug/l	97
89) n-Butylbenzene	14.80	91	412524	21.528	ug/l	98
90) Hexachloroethane	15.00	117	135605	22.669	ug/l	90
91) 1,2-Dichlorobenzene	14.81	146	234528	23.176	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	15721	25.634	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	110191	21.373	ug/l	97
94) Hexachlorobutadiene	16.04	225	77843	19.554	ug/l	98
95) Naphthalene	16.11	128	184729	22.645	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	55186	21.448	ug/l	92

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

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