

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061698.D
 Acq On : 10 Apr 2019 4:22
 Operator : VA/AP
 Sample : VD0409SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBS02

Quant Time: Apr 10 04:52:16 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	7.08	168	564700	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	972231	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	839173	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	391871	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	232252	54.26	ug/l	0.03
Spiked Amount			Recovery	=	108.52%	
35) Dibromofluoromethane	6.95	113	368250	54.67	ug/l	0.03
Spiked Amount			Recovery	=	109.34%	
50) Toluene-d8	10.43	98	847144	50.06	ug/l	0.03
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	13.57	95	315259	53.86	ug/l	0.02
Spiked Amount			Recovery	=	107.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	95233	15.632	ug/l	98
3) Chloromethane	1.76	50	84726	17.210	ug/l	94
4) Vinyl Chloride	1.86	62	81305	17.674	ug/l	99
5) Bromomethane	2.15	94	18125	17.022	ug/l	99
6) Chloroethane	2.26	64	24310	16.872	ug/l #	87
7) Trichlorofluoromethane	2.54	101	118345	17.038	ug/l	97
8) Diethyl Ether	2.89	74	37333	19.152	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.17	101	122208	17.896	ug/l	96
10) Methyl Iodide	3.33	142	176926	19.758	ug/l #	96
11) Tert butyl alcohol	4.08	59	27892	97.230	ug/l #	93
12) 1,1-Dichloroethene	3.14	96	101570	17.254	ug/l	91
13) Acrolein	3.05	56	29924	85.558	ug/l	93
14) Allyl chloride	3.64	41	159820	19.905	ug/l	94
15) Acrylonitrile	4.22	53	94957	96.160	ug/l	95
16) Acetone	3.24	43	96341	75.293	ug/l	99
17) Carbon Disulfide	3.39	76	340796	17.816	ug/l	100
18) Methyl Acetate	3.66	43	56032	23.275	ug/l	97
19) Methyl tert-butyl Ether	4.26	73	213624	20.957	ug/l	100
20) Methylene Chloride	3.84	84	143551	19.770	ug/l	98
21) trans-1,2-Dichloroethene	4.24	96	122369	19.139	ug/l	96
22) Diisopropyl ether	5.15	45	331970	19.720	ug/l	96
23) Vinyl Acetate	5.08	43	912591	98.246	ug/l	98
24) 1,1-Dichloroethane	5.01	63	198632	19.255	ug/l	99
25) 2-Butanone	6.10	43	128029	86.793	ug/l	99
26) 2,2-Dichloropropane	6.05	77	135643	16.148	ug/l	98
27) cis-1,2-Dichloroethene	6.06	96	126808	18.591	ug/l	99
28) Bromochloromethane	6.47	49	69120	18.164	ug/l	100
29) Tetrahydrofuran	6.49	42	68101	95.636	ug/l	99
30) Chloroform	6.69	83	220205	20.377	ug/l	100
31) Cyclohexane	6.99	56	133065	16.511	ug/l	95
32) 1,1,1-Trichloroethane	6.90	97	176838	18.673	ug/l	99
36) 1,1-Dichloropropene	7.17	75	151805	17.841	ug/l	95
37) Ethyl Acetate	6.21	43	69600	20.082	ug/l #	97
38) Carbon Tetrachloride	7.14	117	173190	17.367	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	150488	17.227	ug/l	95
40) Benzene	7.48	78	383516	18.683	ug/l	99
41) Methacrylonitrile	6.48	41	77717	19.209	ug/l #	96
42) 1,2-Dichloroethane	7.61	62	130092	20.152	ug/l	98
43) Isopropyl Acetate	9.26	43	89171	17.728	ug/l #	97
44) Trichloroethene	8.56	130	152073	19.324	ug/l	97
45) 1,2-Dichloropropane	8.97	63	103011	20.235	ug/l	99
46) Dibromomethane	9.08	93	71442	19.636	ug/l	94
47) Bromodichloromethane	9.40	83	163054	20.405	ug/l	99
48) Methyl methacrylate	9.14	41	52396	18.072	ug/l	88
49) 1,4-Dioxane	9.10	88	12468	389.589	ug/l	94
51) 4-Methyl-2-Pentanone	10.32	43	298637	100.395	ug/l	100
52) Toluene	10.53	92	269215	21.003	ug/l	100
53) t-1,3-Dichloropropene	10.93	75	145136	20.720	ug/l	99
54) cis-1,3-Dichloropropene	10.06	75	161983	18.760	ug/l	97
55) 1,1,2-Trichloroethane	11.21	97	88151	20.390	ug/l	95
56) Ethyl methacrylate	11.06	69	93581	20.519	ug/l	98
57) 1,3-Dichloropropane	11.43	76	139073	21.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.88	63	259407	120.546	ug/l	95
59) 2-Hexanone	11.56	43	221299	95.861	ug/l	96
60) Dibromochloromethane	11.70	129	137654	20.154	ug/l	98
61) 1,2-Dibromoethane	11.82	107	105657	20.898	ug/l	94
64) Tetrachloroethene	11.28	164	121542	18.659	ug/l	98
65) Chlorobenzene	12.41	112	323191	19.420	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.53	131	125104	19.536	ug/l	97
67) Ethyl Benzene	12.54	91	463086	18.274	ug/l	99
68) m/p-Xylenes	12.69	106	359747	36.822	ug/l	99
69) o-Xylene	13.06	106	161728	17.149	ug/l	100
70) Styrene	13.08	104	279724	17.368	ug/l	96
71) Bromoform	13.25	173	81907	20.614	ug/l	99
73) Isopropylbenzene	13.42	105	455210	17.434	ug/l	98
74) N-amyl acetate	13.28	43	133887	18.872	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.71	83	97398	18.040	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	98658	18.505	ug/l	98
77) Bromobenzene	13.68	156	142659	18.823	ug/l	88
78) n-propylbenzene	13.79	91	568640	18.206	ug/l	96
79) 2-Chlorotoluene	13.85	91	348199	19.495	ug/l	92
80) 1,3,5-Trimethylbenzene	13.95	105	418988	20.217	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	26027	16.088	ug/l	90
82) 4-Chlorotoluene	13.96	91	404198	20.652	ug/l	96
83) tert-Butylbenzene	14.20	119	471998	18.889	ug/l	95
84) 1,2,4-Trimethylbenzene	14.25	105	401686	19.204	ug/l	98
85) sec-Butylbenzene	14.38	105	451702	16.731	ug/l	97
86) p-Isopropyltoluene	14.50	119	380177	16.233	ug/l	95
87) 1,3-Dichlorobenzene	14.47	146	246845	18.925	ug/l	95
88) 1,4-Dichlorobenzene	14.55	146	241361	18.339	ug/l	98
89) n-Butylbenzene	14.80	91	385709	18.948	ug/l	97
90) Hexachloroethane	15.02	117	114801	18.065	ug/l	76
91) 1,2-Dichlorobenzene	14.82	146	209806	19.517	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12563	19.283	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	107946	19.709	ug/l	97
94) Hexachlorobutadiene	16.04	225	85426	20.200	ug/l	97
95) Naphthalene	16.13	128	195843	22.599	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	67232	24.596	ug/l	97

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

