

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061730.D
 Acq On : 11 Apr 2019 9:34
 Operator : VA/AP
 Sample : VD0410SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBS01

Quant Time: Apr 11 11:13:42 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	472671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	867810	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	735590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	318378	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	241585	67.43	ug/l	0.00
Spiked Amount			Recovery	=	134.86%	
35) Dibromofluoromethane	6.92	113	325814	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
50) Toluene-d8	10.40	98	673704	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	13.55	95	300255	58.64	ug/l	0.00
Spiked Amount			Recovery	=	117.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	71179	13.958	ug/l	95
3) Chloromethane	1.76	50	82114	19.927	ug/l	93
4) Vinyl Chloride	1.86	62	63997	16.620	ug/l	99
5) Bromomethane	2.15	94	16790	18.839	ug/l	97
6) Chloroethane	2.26	64	21612	17.920	ug/l #	83
7) Trichlorofluoromethane	2.53	101	85593	14.722	ug/l	99
8) Diethyl Ether	2.87	74	36442	22.334	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.16	101	95994	16.794	ug/l	94
10) Methyl Iodide	3.32	142	125870	17.342	ug/l	99
11) Tert butyl alcohol	4.06	59	36454	151.818	ug/l #	88
12) 1,1-Dichloroethene	3.13	96	87931	17.845	ug/l	87
13) Acrolein	3.04	56	23058	78.763	ug/l	96
14) Allyl chloride	3.62	41	137871	20.514	ug/l	96
15) Acrylonitrile	4.20	53	109691	132.708	ug/l	96
16) Acetone	3.23	43	115767	108.090	ug/l	97
17) Carbon Disulfide	3.39	76	262505	16.395	ug/l	99
18) Methyl Acetate	3.64	43	64712	32.114	ug/l	98
19) Methyl tert-butyl Ether	4.24	73	240146	28.146	ug/l	100
20) Methylene Chloride	3.82	84	158687	26.110	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	106673	19.932	ug/l	98
22) Diisopropyl ether	5.12	45	370523	26.295	ug/l	96
23) Vinyl Acetate	5.06	43	1033559	132.934	ug/l	100
24) 1,1-Dichloroethane	4.99	63	186899	21.645	ug/l	99
25) 2-Butanone	6.07	43	159437	129.129	ug/l	98
26) 2,2-Dichloropropane	6.02	77	130202	18.519	ug/l	95
27) cis-1,2-Dichloroethene	6.03	96	132960	23.288	ug/l	94
28) Bromochloromethane	6.44	49	83207	26.123	ug/l	99
29) Tetrahydrofuran	6.46	42	89060	149.420	ug/l	98
30) Chloroform	6.66	83	235387	26.022	ug/l	98
31) Cyclohexane	6.95	56	104276	15.458	ug/l	94
32) 1,1,1-Trichloroethane	6.87	97	160007	20.185	ug/l	97
36) 1,1-Dichloropropene	7.15	75	143041	18.834	ug/l	97
37) Ethyl Acetate	6.17	43	77877	25.174	ug/l	99
38) Carbon Tetrachloride	7.11	117	166453	18.700	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	116381	14.926	ug/l	96
40) Benzene	7.45	78	358533	19.568	ug/l	99
41) Methacrylonitrile	6.45	41	100520	27.835	ug/l #	95
42) 1,2-Dichloroethane	7.58	62	156596	27.176	ug/l	99
43) Isopropyl Acetate	9.23	43	112798	25.124	ug/l #	98
44) Trichloroethene	8.53	130	127243	18.115	ug/l	97
45) 1,2-Dichloropropane	8.94	63	106022	23.333	ug/l	100
46) Dibromomethane	9.06	93	82229	25.321	ug/l	92
47) Bromodichloromethane	9.37	83	181300	25.419	ug/l	98
48) Methyl methacrylate	9.11	41	68749	26.565	ug/l	96
49) 1,4-Dioxane	9.09	88	14354	502.490	ug/l	88
51) 4-Methyl-2-Pentanone	10.30	43	386273	145.482	ug/l	99
52) Toluene	10.50	92	240624	21.031	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	161500	25.831	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	172106	22.330	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	94708	24.543	ug/l	97
56) Ethyl methacrylate	11.03	69	112091	27.535	ug/l	98
57) 1,3-Dichloropropane	11.40	76	135410	23.962	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.85	63	264348	137.624	ug/l	98
59) 2-Hexanone	11.53	43	262468	127.375	ug/l	99
60) Dibromochloromethane	11.68	129	159550	26.170	ug/l	96
61) 1,2-Dibromoethane	11.80	107	124188	27.519	ug/l	98
64) Tetrachloroethene	11.25	164	111551	19.536	ug/l	97
65) Chlorobenzene	12.39	112	323804	22.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	137954	24.576	ug/l	100
67) Ethyl Benzene	12.52	91	468276	21.080	ug/l	98
68) m/p-Xylenes	12.66	106	358341	41.843	ug/l	95
69) o-Xylene	13.04	106	157801	19.088	ug/l	97
70) Styrene	13.07	104	294159	20.836	ug/l	99
71) Bromoform	13.23	173	88081	25.290	ug/l	99
73) Isopropylbenzene	13.40	105	424110	19.992	ug/l	99
74) N-amyl acetate	13.26	43	145358	25.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	120414	27.452	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	118651	27.392	ug/l	97
77) Bromobenzene	13.66	156	146768	23.835	ug/l	96
78) n-propylbenzene	13.77	91	531103	20.929	ug/l	99
79) 2-Chlorotoluene	13.84	91	339292	23.381	ug/l	97
80) 1,3,5-Trimethylbenzene	13.93	105	366833	21.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	32109	24.428	ug/l #	83
82) 4-Chlorotoluene	13.95	91	354136	22.271	ug/l	99
83) tert-Butylbenzene	14.18	119	383440	18.887	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	391830	23.058	ug/l	98
85) sec-Butylbenzene	14.36	105	424573	19.357	ug/l	99
86) p-Isopropyltoluene	14.49	119	391933	20.598	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	240770	22.720	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	227795	21.304	ug/l	96
89) n-Butylbenzene	14.80	91	348013	21.042	ug/l	98
90) Hexachloroethane	15.00	117	107733	20.866	ug/l	96
91) 1,2-Dichlorobenzene	14.80	146	212298	24.307	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	15147	28.616	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	107368	24.129	ug/l	95
94) Hexachlorobutadiene	16.04	225	58358	16.985	ug/l	99
95) Naphthalene	16.12	128	193622	27.500	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	49162	22.137	ug/l	98

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

