

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061986.D
 Acq On : 24 Apr 2019 1:59
 Operator : VA/AP
 Sample : VD0423SBS02
 Misc : 5.23g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBS02

Quant Time: Apr 24 03:53:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	533909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	874961	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	810949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	375405	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	255708	61.19	ug/l	0.00
Spiked Amount			Recovery	=	122.38%	
35) Dibromofluoromethane	6.94	113	363410	60.06	ug/l	0.00
Spiked Amount			Recovery	=	120.12%	
50) Toluene-d8	10.42	98	842253	58.49	ug/l	0.00
Spiked Amount			Recovery	=	116.98%	
62) 4-Bromofluorobenzene	13.57	95	354053	61.31	ug/l	0.00
Spiked Amount			Recovery	=	122.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	77771	16.313	ug/l	100
3) Chloromethane	1.76	50	74490	18.384	ug/l	100
4) Vinyl Chloride	1.85	62	68230	18.578	ug/l	98
5) Bromomethane	2.16	94	17714	15.797	ug/l	95
6) Chloroethane	2.25	64	18973	14.292	ug/l	92
7) Trichlorofluoromethane	2.53	101	110147	19.836	ug/l	99
8) Diethyl Ether	2.88	74	31026	20.847	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.16	101	98336	19.224	ug/l	96
10) Methyl Iodide	3.32	142	130360	20.340	ug/l	95
11) Tert butyl alcohol	4.08	59	27462	116.317	ug/l	100
12) 1,1-Dichloroethene	3.14	96	81608	18.752	ug/l	95
13) Acrolein	3.05	56	28324	115.624	ug/l	95
14) Allyl chloride	3.63	41	114009	19.185	ug/l	93
15) Acrylonitrile	4.21	53	82886	113.374	ug/l	94
16) Acetone	3.24	43	88305	88.505	ug/l	100
17) Carbon Disulfide	3.39	76	234596	18.655	ug/l	98
18) Methyl Acetate	3.65	43	48610	25.818	ug/l	98
19) Methyl tert-butyl Ether	4.25	73	191661	22.196	ug/l	98
20) Methylene Chloride	3.83	84	105032	19.691	ug/l	97
21) trans-1,2-Dichloroethene	4.23	96	96847	19.399	ug/l	98
22) Diisopropyl ether	5.14	45	277728	20.018	ug/l	98
23) Vinyl Acetate	5.07	43	744986	103.109	ug/l	100
24) 1,1-Dichloroethane	5.01	63	160631	19.155	ug/l	99
25) 2-Butanone	6.08	43	145328	120.137	ug/l	98
26) 2,2-Dichloropropane	6.03	77	137571	18.805	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	127974	22.533	ug/l	100
28) Bromochloromethane	6.45	49	74890	23.340	ug/l	84
29) Tetrahydrofuran	6.48	42	71251	119.540	ug/l	98
30) Chloroform	6.68	83	200970	21.100	ug/l	96
31) Cyclohexane	6.97	56	114399	18.379	ug/l	99
32) 1,1,1-Trichloroethane	6.89	97	166526	20.094	ug/l	100
36) 1,1-Dichloropropene	7.17	75	140258	20.575	ug/l	98
37) Ethyl Acetate	6.19	43	72377	24.915	ug/l #	91
38) Carbon Tetrachloride	7.13	117	164386	19.030	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	132382	19.683	ug/l	98
40) Benzene	7.47	78	345031	20.445	ug/l	94
41) Methacrylonitrile	6.46	41	82959	24.476	ug/l #	93
42) 1,2-Dichloroethane	7.59	62	124762	21.773	ug/l	97
43) Isopropyl Acetate	9.25	43	98610	23.233	ug/l	97
44) Trichloroethene	8.55	130	129867	19.849	ug/l	92
45) 1,2-Dichloropropane	8.96	63	89759	20.965	ug/l	97
46) Dibromomethane	9.08	93	71898	23.338	ug/l	97
47) Bromodichloromethane	9.39	83	154838	21.271	ug/l #	95
48) Methyl methacrylate	9.14	41	55807	23.045	ug/l	96
49) 1,4-Dioxane	9.10	88	12664	485.043	ug/l	97
51) 4-Methyl-2-Pentanone	10.32	43	311669	120.069	ug/l	94
52) Toluene	10.52	92	217020	20.168	ug/l	97
53) t-1,3-Dichloropropene	10.93	75	137748	22.545	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	147508	19.850	ug/l	95
55) 1,1,2-Trichloroethane	11.20	97	84981	23.524	ug/l	98
56) Ethyl methacrylate	11.06	69	92380	23.089	ug/l	98
57) 1,3-Dichloropropane	11.42	76	115133	20.635	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	236970	127.389	ug/l	95
59) 2-Hexanone	11.55	43	233350	119.840	ug/l	98
60) Dibromochloromethane	11.69	129	127944	21.405	ug/l	98
61) 1,2-Dibromoethane	11.81	107	99161	23.139	ug/l	98
64) Tetrachloroethene	11.27	164	111584	19.289	ug/l	99
65) Chlorobenzene	12.41	112	284396	18.559	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	122475	18.842	ug/l	99
67) Ethyl Benzene	12.53	91	460811	18.424	ug/l	98
68) m/p-Xylenes	12.67	106	331997	36.726	ug/l	99
69) o-Xylene	13.05	106	147251	17.803	ug/l	90
70) Styrene	13.08	104	243971	17.083	ug/l	96
71) Bromoform	13.24	173	76708	20.699	ug/l	99
73) Isopropylbenzene	13.41	105	481167	19.214	ug/l	99
74) N-amyl acetate	13.27	43	136574	21.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	93989	19.153	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	97192	20.388	ug/l	98
77) Bromobenzene	13.68	156	123995	17.260	ug/l	94
78) n-propylbenzene	13.78	91	571378	19.931	ug/l	100
79) 2-Chlorotoluene	13.85	91	308332	17.757	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	361787	18.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.49	75	26875	18.604	ug/l	93
82) 4-Chlorotoluene	13.96	91	341024	17.833	ug/l	99
83) tert-Butylbenzene	14.20	119	436604	18.875	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	364152	19.100	ug/l	100
85) sec-Butylbenzene	14.37	105	461831	18.478	ug/l	99
86) p-Isopropyltoluene	14.50	119	390122	17.441	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	223986	17.805	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	230197	19.567	ug/l	94
89) n-Butylbenzene	14.81	91	346226	17.241	ug/l	94
90) Hexachloroethane	15.01	117	112128	18.538	ug/l	87
91) 1,2-Dichlorobenzene	14.82	146	196138	18.901	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	13181	19.858	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	112867	20.158	ug/l	96
94) Hexachlorobutadiene	16.05	225	74294	17.930	ug/l	100
95) Naphthalene	16.13	128	175484	19.411	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	64061	20.165	ug/l	93

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

