

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061985.D
 Acq On : 24 Apr 2019 1:30
 Operator : VA/AP
 Sample : VD0423SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBS02

Quant Time: Apr 24 03:52:31 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	564024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	890792	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	701665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	335542	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	225037	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	6.94	113	346865	56.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.60%	
50) Toluene-d8	10.42	98	800484	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
62) 4-Bromofluorobenzene	13.57	95	302095	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	92884	18.443	ug/l	98
3) Chloromethane	1.75	50	80304	18.760	ug/l	97
4) Vinyl Chloride	1.85	62	66829	17.225	ug/l	95
5) Bromomethane	2.16	94	19567	16.587	ug/l	97
6) Chloroethane	2.26	64	23363	16.659	ug/l	94
7) Trichlorofluoromethane	2.53	101	115654	19.716	ug/l	100
8) Diethyl Ether	2.88	74	31989	20.347	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.16	101	109804	20.320	ug/l	99
10) Methyl Iodide	3.32	142	122407	18.683	ug/l	99
11) Tert butyl alcohol	4.08	59	26129	104.761	ug/l	100
12) 1,1-Dichloroethene	3.14	96	88620	19.276	ug/l	93
13) Acrolein	3.04	56	27102	104.728	ug/l	85
14) Allyl chloride	3.63	41	122048	19.441	ug/l	96
15) Acrylonitrile	4.20	53	81032	104.920	ug/l	96
16) Acetone	3.24	43	83938	79.636	ug/l	99
17) Carbon Disulfide	3.39	76	253781	19.103	ug/l	99
18) Methyl Acetate	3.65	43	45988	22.885	ug/l	99
19) Methyl tert-butyl Ether	4.25	73	184953	20.276	ug/l	96
20) Methylene Chloride	3.83	84	106485	18.760	ug/l	96
21) trans-1,2-Dichloroethene	4.23	96	102928	19.516	ug/l	98
22) Diisopropyl ether	5.13	45	302808	20.660	ug/l	94
23) Vinyl Acetate	5.07	43	830192	108.767	ug/l	99
24) 1,1-Dichloroethane	5.00	63	173190	19.550	ug/l	96
25) 2-Butanone	6.07	43	132210	103.457	ug/l	100
26) 2,2-Dichloropropane	6.03	77	154942	20.049	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	135863	22.644	ug/l	94
28) Bromochloromethane	6.46	49	79771	23.534	ug/l	100
29) Tetrahydrofuran	6.47	42	71458	113.486	ug/l	99
30) Chloroform	6.68	83	209020	20.773	ug/l	100
31) Cyclohexane	6.97	56	131303	19.969	ug/l	96
32) 1,1,1-Trichloroethane	6.89	97	186745	21.331	ug/l	96
36) 1,1-Dichloropropene	7.16	75	142221	20.492	ug/l	96
37) Ethyl Acetate	6.20	43	69776	23.593	ug/l #	93
38) Carbon Tetrachloride	7.13	117	181021	20.584	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	146132	21.341	ug/l	99
40) Benzene	7.47	78	344685	20.061	ug/l	99
41) Methacrylonitrile	6.46	41	78869	22.856	ug/l #	95
42) 1,2-Dichloroethane	7.59	62	125080	21.441	ug/l	97
43) Isopropyl Acetate	9.25	43	82521	19.096	ug/l	96
44) Trichloroethene	8.55	130	136261	20.456	ug/l	94
45) 1,2-Dichloropropane	8.95	63	86374	19.816	ug/l	98
46) Dibromomethane	9.08	93	66463	21.191	ug/l	97
47) Bromodichloromethane	9.39	83	156436	21.109	ug/l	97
48) Methyl methacrylate	9.14	41	54474	22.094	ug/l	94
49) 1,4-Dioxane	9.10	88	12043	453.061	ug/l	98
51) 4-Methyl-2-Pentanone	10.32	43	301847	114.218	ug/l	100
52) Toluene	10.52	92	212730	19.418	ug/l	97
53) t-1,3-Dichloropropene	10.93	75	121534	19.538	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	163037	21.549	ug/l	99
55) 1,1,2-Trichloroethane	11.20	97	76971	20.928	ug/l	95
56) Ethyl methacrylate	11.05	69	82901	20.352	ug/l	99
57) 1,3-Dichloropropane	11.42	76	112615	19.825	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.86	63	256108	135.231	ug/l	99
59) 2-Hexanone	11.54	43	203817	102.812	ug/l	98
60) Dibromochloromethane	11.69	129	129595	21.295	ug/l	100
61) 1,2-Dibromoethane	11.81	107	94318	21.618	ug/l	96
64) Tetrachloroethene	11.27	164	107658	21.509	ug/l	97
65) Chlorobenzene	12.40	112	287567	21.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	126153	22.431	ug/l	96
67) Ethyl Benzene	12.53	91	442578	20.451	ug/l	99
68) m/p-Xylenes	12.68	106	322360	41.214	ug/l	95
69) o-Xylene	13.05	106	150567	21.039	ug/l	92
70) Styrene	13.08	104	260322	21.066	ug/l	97
71) Bromoform	13.24	173	75813	23.644	ug/l	97
73) Isopropylbenzene	13.41	105	440019	19.659	ug/l	99
74) N-amyl acetate	13.27	43	117610	20.403	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.70	83	97112	22.140	ug/l	96
76) 1,2,3-Trichloropropane	13.74	75	97963	22.991	ug/l	96
77) Bromobenzene	13.67	156	119580	18.623	ug/l	84
78) n-propylbenzene	13.78	91	494937	19.316	ug/l	99
79) 2-Chlorotoluene	13.85	91	303657	19.565	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	377280	21.139	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	23407	18.128	ug/l	90
82) 4-Chlorotoluene	13.96	91	359077	21.008	ug/l	99
83) tert-Butylbenzene	14.20	119	400503	19.371	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	335059	19.662	ug/l	99
85) sec-Butylbenzene	14.37	105	380040	17.012	ug/l	100
86) p-Isopropyltoluene	14.50	119	374841	18.748	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	204333	18.172	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	195481	18.590	ug/l	99
89) n-Butylbenzene	14.81	91	328784	18.317	ug/l	96
90) Hexachloroethane	15.01	117	101662	18.804	ug/l	93
91) 1,2-Dichlorobenzene	14.82	146	199092	21.465	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.39	75	11334	19.204	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	94437	18.870	ug/l	94
94) Hexachlorobutadiene	16.05	225	61392	16.577	ug/l	98
95) Naphthalene	16.13	128	152617	18.887	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	66539	23.433	ug/l	94

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

