

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059585.D
 Acq On : 25 Jul 2018 13:08
 Operator : VA/AP
 Sample : VD0725SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0725SBS01

Quant Time: Jul 26 04:26:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	141684	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	181735	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	146280	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	77175	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.99	65	97112	54.52	ug/l	0.01
Spiked Amount	50.000		Recovery	=	109.04%	
35) Dibromofluoromethane	5.52	113	84493	54.20	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.40%	
50) Toluene-d8	8.69	98	179629	50.80	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.93	95	81627	51.24	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.31	85	44018	25.27	ug/l	95
3) Chloromethane	1.46	50	18324	20.69	ug/l	98
4) Vinyl Chloride	1.53	62	18804	20.41	ug/l	98
5) Bromomethane	1.75	94	3847	21.76	ug/l #	76
6) Chloroethane	1.84	64	4204	15.59	ug/l	92
7) Trichlorofluoromethane	2.04	101	37729	24.00	ug/l	95
8) Diethyl Ether	2.31	74	5373	19.91	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	2.52	101	17913	21.62	ug/l	96
10) Methyl Iodide	2.66	142	22320	21.83	ug/l	97
11) Tert butyl alcohol	3.25	59	6923	97.42	ug/l #	80
12) 1,1-Dichloroethene	2.51	96	12873	21.44	ug/l	93
13) Acrolein	2.44	56	3938	107.57	ug/l	85
14) Allyl chloride	2.88	41	31147	21.39	ug/l	99
15) Acrylonitrile	3.33	53	16485	106.97	ug/l	93
16) Acetone	2.59	43	30182	112.20	ug/l	97
17) Carbon Disulfide	2.72	76	49235	20.64	ug/l	97
18) Methyl Acetate	2.90	43	10465	19.45	ug/l	99
19) Methyl tert-butyl Ether	3.38	73	50895	25.29	ug/l #	89
20) Methylene Chloride	3.03	84	17781	23.18	ug/l	85
21) trans-1,2-Dichloroethene	3.35	96	15341	23.69	ug/l	86
22) Diisopropyl ether	4.04	45	78134	20.41	ug/l	98
23) Vinyl Acetate	3.99	43	258875	106.54	ug/l	100
24) 1,1-Dichloroethane	3.94	63	51406	21.27	ug/l	98
25) 2-Butanone	4.80	43	39699	96.78	ug/l	99
26) 2,2-Dichloropropane	4.76	77	54274	21.93	ug/l	97
27) cis-1,2-Dichloroethene	4.77	96	28293	21.88	ug/l	90
28) Bromochloromethane	5.11	49	20597	21.54	ug/l	94
29) Tetrahydrofuran	5.16	42	17709	93.24	ug/l	95
30) Chloroform	5.29	83	60588	20.96	ug/l	98
31) Cyclohexane	5.56	56	34727	18.93	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	58572	20.93	ug/l	98
36) 1,1-Dichloropropene	5.72	75	40360	22.13	ug/l	95
37) Ethyl Acetate	4.90	43	20739	22.11	ug/l	97
38) Carbon Tetrachloride	5.70	117	57335	22.96	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	34022	20.29	ug/l	96
40) Benzene	5.99	78	77751	20.79	ug/l	100
41) Methacrylonitrile	5.10	41	9826	20.99	ug/l	93
42) 1,2-Dichloroethane	6.11	62	51368	22.80	ug/l	98
43) Isopropyl Acetate	7.60	43	25519	19.62	ug/l	97
44) Trichloroethene	6.96	130	28492	21.01	ug/l	95
45) 1,2-Dichloropropane	7.33	63	21450	20.48	ug/l	95
46) Dibromomethane	7.44	93	18478	20.87	ug/l	96
47) Bromodichloromethane	7.72	83	45946	21.73	ug/l	98
48) Methyl methacrylate	7.49	41	18592	21.55	ug/l	89
49) 1,4-Dioxane	7.48	88	3160	405.09	ug/l #	91
51) 4-Methyl-2-Pentanone	8.58	43	89929	103.53	ug/l	96
52) Toluene	8.79	92	50354	20.31	ug/l	96
53) t-1,3-Dichloropropene	9.17	75	40752	21.37	ug/l	98
54) cis-1,3-Dichloropropene	8.34	75	42303	22.34	ug/l	98
55) 1,1,2-Trichloroethane	9.44	97	19638	21.08	ug/l	96
56) Ethyl methacrylate	9.30	69	21752	20.58	ug/l	98
57) 1,3-Dichloropropane	9.65	76	30348	20.50	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.17	63	49690	100.05	ug/l	97
59) 2-Hexanone	9.77	43	70849	102.68	ug/l	98
60) Dibromochloromethane	9.95	129	32659	21.12	ug/l	99
61) 1,2-Dibromoethane	10.08	107	23143	20.96	ug/l	94
64) Tetrachloroethene	9.50	164	28003	21.12	ug/l	96
65) Chlorobenzene	10.72	112	66520	22.18	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	28341	21.73	ug/l	96
67) Ethyl Benzene	10.85	91	117905	22.87	ug/l	100
68) m/p-Xylenes	11.01	106	79390	46.12	ug/l	86
69) o-Xylene	11.39	106	36919	22.10	ug/l	92
70) Styrene	11.42	104	64070	23.13	ug/l	94
71) Bromoform	11.59	173	22811	21.48	ug/l	99
73) Isopropylbenzene	11.77	105	111957	20.53	ug/l	100
74) N-amyl acetate	11.64	43	36993	19.80	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	22529	20.24	ug/l	97
76) 1,2,3-Trichloropropane	12.10	75	28112	22.03	ug/l	97
77) Bromobenzene	12.03	156	33713	21.12	ug/l	87
78) n-propylbenzene	12.15	91	140602	21.23	ug/l	98
79) 2-Chlorotoluene	12.21	91	87723	22.21	ug/l	98
80) 1,3,5-Trimethylbenzene	12.32	105	92722	21.54	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.84	75	6381	19.56	ug/l	97
82) 4-Chlorotoluene	12.32	91	97181	21.76	ug/l	95
83) tert-Butylbenzene	12.57	119	101700	20.99	ug/l	90
84) 1,2,4-Trimethylbenzene	12.62	105	95697	20.91	ug/l	96
85) sec-Butylbenzene	12.75	105	107487	19.41	ug/l	100
86) p-Isopropyltoluene	12.88	119	95903	20.55	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	54193	20.08	ug/l	94
88) 1,4-Dichlorobenzene	12.92	146	53899	20.73	ug/l	96
89) n-Butylbenzene	13.19	91	93994	20.86	ug/l	98
90) Hexachloroethane	13.39	117	25937	20.80	ug/l	81
91) 1,2-Dichlorobenzene	13.18	146	46244	20.42	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.76	75	4599	20.49	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	39163	20.88	ug/l	98
94) Hexachlorobutadiene	14.43	225	30621	20.70	ug/l	98
95) Naphthalene	14.51	128	52062	19.52	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	33817	19.93	ug/l	98

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

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