

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059514.D
 Acq On : 2 Jul 2018 20:55
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070218

Quant Time: Jul 03 09:06:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:56:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	641531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	909110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	720127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	396062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.99	65	404585	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	5.51	113	383432	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	8.68	98	881094	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.92	95	370609	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	395131	48.36	ug/l	99
3) Chloromethane	1.46	50	222464	57.46	ug/l	97
4) Vinyl Chloride	1.53	62	220273	57.03	ug/l	96
5) Bromomethane	1.76	94	80948	55.36	ug/l	93
6) Chloroethane	1.85	64	92394	53.16	ug/l	97
7) Trichlorofluoromethane	2.06	101	296612	46.43	ug/l	93
8) Diethyl Ether	2.31	74	66611	54.46	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.52	101	182945	47.07	ug/l	94
10) Methyl Iodide	2.66	142	209205	54.00	ug/l	97
11) Tert butyl alcohol	3.23	59	71020	256.00	ug/l	97
12) 1,1-Dichloroethene	2.51	96	141839	47.77	ug/l	90
13) Acrolein	2.44	56	31383	198.55	ug/l	96
14) Allyl chloride	2.88	41	337819	51.53	ug/l	94
15) Acrylonitrile	3.32	53	213106	277.91	ug/l	94
16) Acetone	2.59	43	278059	246.98	ug/l	98
17) Carbon Disulfide	2.72	76	513221	49.92	ug/l	100
18) Methyl Acetate	2.90	43	123503	55.43	ug/l	100
19) Methyl tert-butyl Ether	3.37	73	404684	52.72	ug/l	99
20) Methylene Chloride	3.03	84	175571	40.25	ug/l	96
21) trans-1,2-Dichloroethene	3.35	96	163640	49.90	ug/l	99
22) Diisopropyl ether	4.04	45	1173589	49.10	ug/l	97
23) Vinyl Acetate	3.98	43	3521043	266.94	ug/l	100
24) 1,1-Dichloroethane	3.93	63	650667	48.08	ug/l	99
25) 2-Butanone	4.80	43	594490	253.87	ug/l	95
26) 2,2-Dichloropropane	4.76	77	505742	45.71	ug/l	98
27) cis-1,2-Dichloroethene	4.76	96	350014	49.29	ug/l	98
28) Bromochloromethane	5.11	49	242189	46.65	ug/l	92
29) Tetrahydrofuran	5.15	42	293393	246.03	ug/l	99
30) Chloroform	5.29	83	698710	48.94	ug/l	97
31) Cyclohexane	5.55	56	455750	48.16	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	561916	49.68	ug/l	98
36) 1,1-Dichloropropene	5.71	75	471147	48.26	ug/l	99
37) Ethyl Acetate	4.89	43	291395	53.66	ug/l	99
38) Carbon Tetrachloride	5.69	117	471140	49.10	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	456578	51.35	µg/l	97
40) Benzene	5.99	78	1088963	48.47	µg/l	99
41) Methacrylonitrile	5.09	41	143211	51.99	µg/l	95
42) 1,2-Dichloroethane	6.09	62	509753	50.71	µg/l	98
43) Isopropyl Acetate	7.59	43	395643	55.06	µg/l #	99
44) Trichloroethene	6.95	130	347160	50.91	µg/l	97
45) 1,2-Dichloropropane	7.31	63	310531	49.44	µg/l	100
46) Dibromomethane	7.43	93	222739	52.41	µg/l	98
47) Bromodichloromethane	7.72	83	519377	52.50	µg/l	95
48) Methyl methacrylate	7.47	41	239213	53.38	µg/l	85
49) 1,4-Dioxane	7.47	88	44804	1072.98	µg/l #	86
51) 4-Methyl-2-Pentanone	8.57	43	1275375	271.80	µg/l	97
52) Toluene	8.77	92	604402	48.73	µg/l	96
53) t-1,3-Dichloropropene	9.17	75	460093	53.40	µg/l	98
54) cis-1,3-Dichloropropene	8.34	75	509093	50.95	µg/l	99
55) 1,1,2-Trichloroethane	9.43	97	225953	49.68	µg/l	96
56) Ethyl methacrylate	9.29	69	280870	49.29	µg/l	96
57) 1,3-Dichloropropane	9.64	76	403034	49.19	µg/l	96
58) 2-Chloroethyl Vinyl ether	8.16	63	741317	268.96	µg/l	96
59) 2-Hexanone	9.77	43	905377	262.33	µg/l	98
60) Dibromochloromethane	9.93	129	341735	53.83	µg/l	99
61) 1,2-Dibromoethane	10.07	107	255336	50.71	µg/l	99
64) Tetrachloroethene	9.49	164	320918	51.81	µg/l	96
65) Chlorobenzene	10.70	112	699549	50.43	µg/l	100
66) 1,1,1,2-Tetrachloroethane	10.83	131	286989	50.80	µg/l	97
67) Ethyl Benzene	10.84	91	1229171	49.97	µg/l	96
68) m/p-Xylenes	11.00	106	812795	100.16	µg/l	96
69) o-Xylene	11.39	106	403946	51.66	µg/l	96
70) Styrene	11.42	104	649092	49.52	µg/l	98
71) Bromoform	11.59	173	240961	56.51	µg/l	100
73) Isopropylbenzene	11.76	105	1109323	46.87	µg/l	99
74) N-amyl acetate	11.64	43	498502	49.91	µg/l	96
75) 1,1,2,2-Tetrachloroethane	12.06	83	288664	47.07	µg/l	97
76) 1,2,3-Trichloropropane	12.10	75	290666	45.48	µg/l	99
77) Bromobenzene	12.03	156	364573	49.08	µg/l	88
78) n-propylbenzene	12.14	91	1448384	45.68	µg/l	97
79) 2-Chlorotoluene	12.21	91	875808	46.97	µg/l	98
80) 1,3,5-Trimethylbenzene	12.31	105	897444	46.65	µg/l	99
81) trans-1,4-Dichloro-2-buten	11.83	75	73307	43.30	µg/l	87
82) 4-Chlorotoluene	12.32	91	983285	46.53	µg/l	96
83) tert-Butylbenzene	12.56	119	1023965	46.79	µg/l	90
84) 1,2,4-Trimethylbenzene	12.61	105	965625	46.73	µg/l	95
85) sec-Butylbenzene	12.75	105	1166777	46.46	µg/l	98
86) p-Isopropyltoluene	12.88	119	949403	45.06	µg/l	97
87) 1,3-Dichlorobenzene	12.83	146	592462	46.58	µg/l	96
88) 1,4-Dichlorobenzene	12.92	146	595133	47.67	µg/l	98
89) n-Butylbenzene	13.18	91	972985	45.28	µg/l	97
90) Hexachloroethane	13.39	117	270549	49.57	µg/l	93
91) 1,2-Dichlorobenzene	13.18	146	489662	45.77	µg/l	98
92) 1,2-Dibromo-3-Chloropropan	13.76	75	52917	50.06	µg/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	450051	47.46	ug/l	98
94) Hexachlorobutadiene	14.42	225	343113	47.30	ug/l	98
95) Naphthalene	14.50	128	719839	51.03	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	413161	49.55	ug/l	99

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

