

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058292.D
 Acq On : 22 Jun 2018 12:32
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 14:57:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	886843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1189290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	931635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	470934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	518391	57.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.74%	
35) Dibromofluoromethane	5.55	113	537156	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
50) Toluene-d8	8.70	98	1250749	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	11.93	95	519820	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.35	85	475810	58.06	ug/l	100
3) Chloromethane	1.49	50	187904	48.42	ug/l	100
4) Vinyl Chloride	1.55	62	194880	41.95	ug/l	95
5) Bromomethane	1.80	94	89243	59.18	ug/l	94
6) Chloroethane	1.89	64	113910	71.64	ug/l	94
7) Trichlorofluoromethane	2.09	101	400398	62.86	ug/l	98
8) Diethyl Ether	2.34	74	60423	44.85	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.56	101	231212	57.10	ug/l	95
10) Methyl Iodide	2.70	142	231738	50.31	ug/l	93
11) Tert butyl alcohol	3.26	59	68901	233.21	ug/l #	84
12) 1,1-Dichloroethene	2.55	96	164384	53.95	ug/l	96
13) Acrolein	2.47	56	22863	135.56	ug/l	90
14) Allyl chloride	2.92	41	334709	47.20	ug/l #	91
15) Acrylonitrile	3.36	53	236399	301.77	ug/l	91
16) Acetone	2.62	43	337867	275.80	ug/l	100
17) Carbon Disulfide	2.76	76	455091	43.90	ug/l	99
18) Methyl Acetate	2.93	43	113202	43.33	ug/l	99
19) Methyl tert-butyl Ether	3.40	73	738235	91.35	ug/l	97
20) Methylene Chloride	3.07	84	163446	51.22	ug/l	89
21) trans-1,2-Dichloroethene	3.39	96	320485	96.25	ug/l	91
22) Diisopropyl ether	4.07	45	1350771	47.96	ug/l	98
23) Vinyl Acetate	4.02	43	3742740	247.90	ug/l	100
24) 1,1-Dichloroethane	3.98	63	823379	54.26	ug/l	98
25) 2-Butanone	4.83	43	644195	241.27	ug/l	97
26) 2,2-Dichloropropane	4.79	77	714563	56.24	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	453966	54.56	ug/l	98
28) Bromochloromethane	5.15	49	344955	50.71	ug/l #	95
29) Tetrahydrofuran	5.19	42	310684	218.61	ug/l	94
30) Chloroform	5.32	83	891688	55.67	ug/l	97
31) Cyclohexane	5.59	56	588509	53.82	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	719542	54.37	ug/l	98
36) 1,1-Dichloropropene	5.75	75	606440	51.55	ug/l	98
37) Ethyl Acetate	4.93	43	297429	44.37	ug/l	96
38) Carbon Tetrachloride	5.73	117	621574	53.17	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	583950	50.96	ug/l	92
40) Benzene	6.01	78	1419417	50.65	ug/l	99
41) Methacrylonitrile	5.13	41	163031	50.37	ug/l	92
42) 1,2-Dichloroethane	6.13	62	582163	51.52	ug/l	100
43) Isopropyl Acetate	7.62	43	392762	43.95	ug/l #	97
44) Trichloroethene	6.98	130	442622	52.60	ug/l	99
45) 1,2-Dichloropropane	7.34	63	384625	50.96	ug/l	98
46) Dibromomethane	7.46	93	267383	51.89	ug/l	91
47) Bromodichloromethane	7.74	83	644170	54.82	ug/l	99
48) Methyl methacrylate	7.50	41	239994	44.18	ug/l	98
49) 1,4-Dioxane	7.48	88	49158	1002.61	ug/l	89
51) 4-Methyl-2-Pentanone	8.59	43	1336541	229.28	ug/l	99
52) Toluene	8.80	92	777107	48.70	ug/l	99
53) t-1,3-Dichloropropene	9.18	75	552544	54.09	ug/l	95
54) cis-1,3-Dichloropropene	8.36	75	635962	53.10	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	281970	49.94	ug/l	98
56) Ethyl methacrylate	9.31	69	326057	48.29	ug/l	97
57) 1,3-Dichloropropane	9.67	76	490068	51.53	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	780806	233.58	ug/l	95
59) 2-Hexanone	9.78	43	1020283	242.22	ug/l	97
60) Dibromochloromethane	9.95	129	417806	54.53	ug/l	97
61) 1,2-Dibromoethane	10.09	107	317041	51.30	ug/l	99
64) Tetrachloroethene	9.51	164	413567	52.76	ug/l	97
65) Chlorobenzene	10.72	112	898847	51.58	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	356841	53.06	ug/l	96
67) Ethyl Benzene	10.86	91	1541551	50.11	ug/l	98
68) m/p-Xylenes	11.01	106	1009811	98.42	ug/l	97
69) o-Xylene	11.40	106	497416	50.76	ug/l	93
70) Styrene	11.43	104	831850	49.75	ug/l	95
71) Bromoform	11.60	173	290926	54.23	ug/l	98
73) Isopropylbenzene	11.77	105	1428297	50.71	ug/l	100
74) N-amyl acetate	11.64	43	549229	50.43	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.08	83	338775	51.68	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	343319	49.93	ug/l	99
77) Bromobenzene	12.04	156	454134	53.84	ug/l	89
78) n-propylbenzene	12.16	91	1919611	52.77	ug/l	98
79) 2-Chlorotoluene	12.22	91	1116089	53.62	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	1070205	48.71	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	89155	53.16	ug/l	93
82) 4-Chlorotoluene	12.32	91	1158064	57.95	ug/l	93
83) tert-Butylbenzene	12.57	119	1316409	52.11	ug/l	90
84) 1,2,4-Trimethylbenzene	12.62	105	1222987	51.21	ug/l	99
85) sec-Butylbenzene	12.76	105	1542907	52.11	ug/l	96
86) p-Isopropyltoluene	12.89	119	1261130	52.56	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	750993	51.22	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	733962	51.27	ug/l	96
89) n-Butylbenzene	13.19	91	1281241	50.81	ug/l	96
90) Hexachloroethane	13.40	117	350028	56.21	ug/l	81
91) 1,2-Dichlorobenzene	13.19	146	606758	48.63	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	55655	53.35	ug/l	74

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	616159	51.64	ug/l	98
94) Hexachlorobutadiene	14.43	225	484681	51.93	ug/l	98
95) Naphthalene	14.51	128	780922	49.68	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	534047	51.12	ug/l	98

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

