

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
 Data File : VD059689.D
 Acq On : 6 Aug 2018 12:34
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 07 04:00:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 03:58:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	206169	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.67	114	259536	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	209166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	115564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	202094	74.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.52%	
35) Dibromofluoromethane	5.52	113	178977	74.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.48%	
50) Toluene-d8	8.69	98	371568	71.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.60%	
62) 4-Bromofluorobenzene	11.92	95	167495	69.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	205453	71.53	ug/l	97
3) Chloromethane	1.46	50	94923	75.41	ug/l	94
4) Vinyl Chloride	1.53	62	115603	77.05	ug/l	97
5) Bromomethane	1.77	94	37442	71.31	ug/l	100
6) Chloroethane	1.86	64	46955	78.28	ug/l	97
7) Trichlorofluoromethane	2.06	101	175953	72.49	ug/l	100
8) Diethyl Ether	2.32	74	35146	77.61	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.53	101	101965	72.77	ug/l	96
10) Methyl Iodide	2.66	142	128144	80.15	ug/l	99
11) Tert butyl alcohol	3.24	59	35023	368.96	ug/l	98
12) 1,1-Dichloroethene	2.52	96	75981	73.34	ug/l	94
13) Acrolein	2.45	56	34551	381.29	ug/l	91
14) Allyl chloride	2.90	41	172204	73.17	ug/l	95
15) Acrylonitrile	3.33	53	98433	360.72	ug/l	98
16) Acetone	2.59	43	195576	390.01	ug/l	98
17) Carbon Disulfide	2.73	76	290787	79.35	ug/l	99
18) Methyl Acetate	2.91	43	62956	70.14	ug/l #	90
19) Methyl tert-butyl Ether	3.39	73	265374	66.58	ug/l	94
20) Methylene Chloride	3.05	84	88427	47.31	ug/l	88
21) trans-1,2-Dichloroethene	3.36	96	92203	65.62	ug/l	94
22) Diisopropyl ether	4.04	45	373291	69.48	ug/l	91
23) Vinyl Acetate	3.99	43	1192078	355.48	ug/l	98
24) 1,1-Dichloroethane	3.94	63	251543	69.51	ug/l	99
25) 2-Butanone	4.82	43	245868	384.53	ug/l	100
26) 2,2-Dichloropropane	4.77	77	270195	68.76	ug/l	97
27) cis-1,2-Dichloroethene	4.78	96	127640	67.19	ug/l	91
28) Bromochloromethane	5.12	49	97358	72.59	ug/l #	92
29) Tetrahydrofuran	5.16	42	89020	355.84	ug/l	98
30) Chloroform	5.30	83	311494	71.31	ug/l	98
31) Cyclohexane	5.57	56	166010	63.02	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	310753	72.59	ug/l	97
36) 1,1-Dichloropropene	5.72	75	202964	69.95	ug/l	97
37) Ethyl Acetate	4.90	43	103059	75.52	ug/l	98
38) Carbon Tetrachloride	5.70	117	278838	70.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	170629	71.05	ug/l	98
40) Benzene	5.99	78	382374	68.38	ug/l	99
41) Methacrylonitrile	5.09	41	53630	81.11	ug/l	93
42) 1,2-Dichloroethane	6.10	62	251744	73.11	ug/l	98
43) Isopropyl Acetate	7.60	43	135051	74.70	ug/l	99
44) Trichloroethene	6.96	130	141554	69.37	ug/l	99
45) 1,2-Dichloropropane	7.32	63	102961	71.27	ug/l	97
46) Dibromomethane	7.44	93	91580	72.03	ug/l	96
47) Bromodichloromethane	7.72	83	231102	70.89	ug/l	96
48) Methyl methacrylate	7.48	41	92492	77.22	ug/l	99
49) 1,4-Dioxane	7.47	88	14895	1598.78	ug/l #	79
51) 4-Methyl-2-Pentanone	8.58	43	515069	391.23	ug/l	99
52) Toluene	8.79	92	242182	68.74	ug/l	98
53) t-1,3-Dichloropropene	9.17	75	197025	71.36	ug/l	98
54) cis-1,3-Dichloropropene	8.34	75	202534	72.68	ug/l	96
55) 1,1,2-Trichloroethane	9.44	97	91123	67.45	ug/l	97
56) Ethyl methacrylate	9.30	69	106956	70.01	ug/l	98
57) 1,3-Dichloropropane	9.65	76	150750	69.39	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.17	63	248613	344.79	ug/l	99
59) 2-Hexanone	9.77	43	386251	387.64	ug/l	98
60) Dibromochloromethane	9.94	129	157879	71.85	ug/l	97
61) 1,2-Dibromoethane	10.08	107	114577	71.99	ug/l	99
64) Tetrachloroethene	9.50	164	135338	69.51	ug/l	98
65) Chlorobenzene	10.71	112	295549	69.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.84	131	132386	69.37	ug/l	98
67) Ethyl Benzene	10.85	91	524540	66.84	ug/l	99
68) m/p-Xylenes	11.00	106	326999	131.31	ug/l	92
69) o-Xylene	11.40	106	159096	65.16	ug/l	99
70) Styrene	11.42	104	270033	66.84	ug/l	98
71) Bromoform	11.59	173	111271	77.12	ug/l	98
73) Isopropylbenzene	11.76	105	510008	65.15	ug/l	99
74) N-amyl acetate	11.63	43	171402	70.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	106620	70.02	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	123439	68.80	ug/l	96
77) Bromobenzene	12.03	156	152774	68.02	ug/l	97
78) n-propylbenzene	12.15	91	627736	64.83	ug/l	99
79) 2-Chlorotoluene	12.20	91	387155	66.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.31	105	419769	65.23	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.83	75	33359	74.49	ug/l	95
82) 4-Chlorotoluene	12.31	91	427761	62.73	ug/l	98
83) tert-Butylbenzene	12.57	119	475537	65.41	ug/l	98
84) 1,2,4-Trimethylbenzene	12.62	105	460550	67.53	ug/l	100
85) sec-Butylbenzene	12.75	105	529401	65.98	ug/l	97
86) p-Isopropyltoluene	12.87	119	468923	67.47	ug/l	99
87) 1,3-Dichlorobenzene	12.83	146	251371	63.90	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	260226	65.88	ug/l	99
89) n-Butylbenzene	13.19	91	465245	67.86	ug/l	99
90) Hexachloroethane	13.39	117	124891	68.82	ug/l	98
91) 1,2-Dichlorobenzene	13.19	146	215079	66.30	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.77	75	24724	74.08	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	193605	66.43	ug/l	96
94) Hexachlorobutadiene	14.43	225	156468	68.79	ug/l	99
95) Naphthalene	14.51	128	301911	69.23	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	168362	64.65	ug/l	99

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

