

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
 Data File : VD059694.D
 Acq On : 6 Aug 2018 15:32
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 07 04:02:26 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	5.62	168	214051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	270100	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	215260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	116688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	53237	18.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.94%	
35) Dibromofluoromethane	5.52	113	46091	18.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.98%	
50) Toluene-d8	8.69	98	97598	17.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.98%	
62) 4-Bromofluorobenzene	11.92	95	44957	17.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	52467	17.59	ug/l	98
3) Chloromethane	1.47	50	23642	18.09	ug/l #	87
4) Vinyl Chloride	1.54	62	27503	17.66	ug/l #	86
5) Bromomethane	1.77	94	6976	12.80	ug/l	99
6) Chloroethane	1.86	64	9618	15.44	ug/l	93
7) Trichlorofluoromethane	2.06	101	42898	17.02	ug/l	98
8) Diethyl Ether	2.33	74	8662	18.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.53	101	26956	18.53	ug/l	100
10) Methyl Iodide	2.67	142	25623	15.44	ug/l	92
11) Tert butyl alcohol	3.24	59	10424	105.77	ug/l #	76
12) 1,1-Dichloroethene	2.51	96	19450	18.08	ug/l	99
13) Acrolein	2.46	56	9374	99.64	ug/l	99
14) Allyl chloride	2.90	41	43718	17.89	ug/l	98
15) Acrylonitrile	3.34	53	27195	95.99	ug/l #	85
16) Acetone	2.59	43	45397	87.20	ug/l	97
17) Carbon Disulfide	2.73	76	64321	16.91	ug/l	95
18) Methyl Acetate	2.91	43	17842	19.15	ug/l #	88
19) Methyl tert-butyl Ether	3.38	73	83919	20.28	ug/l	99
20) Methylene Chloride	3.05	84	40865	21.06	ug/l	94
21) trans-1,2-Dichloroethene	3.37	96	25336	17.37	ug/l	89
22) Diisopropyl ether	4.05	45	107411	19.26	ug/l	96
23) Vinyl Acetate	3.99	43	360926	103.67	ug/l #	95
24) 1,1-Dichloroethane	3.94	63	73226	19.49	ug/l	100
25) 2-Butanone	4.82	43	60275	90.80	ug/l	99
26) 2,2-Dichloropropane	4.77	77	72740	17.83	ug/l	96
27) cis-1,2-Dichloroethene	4.78	96	37902	19.22	ug/l	91
28) Bromochloromethane	5.12	49	29000	20.83	ug/l	96
29) Tetrahydrofuran	5.16	42	24780	95.41	ug/l	97
30) Chloroform	5.30	83	87539	19.30	ug/l	98
31) Cyclohexane	5.56	56	49455	18.08	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	83141	18.71	ug/l	96
36) 1,1-Dichloropropene	5.72	75	54791	18.15	ug/l	94
37) Ethyl Acetate	4.91	43	27523	19.38	ug/l	98
38) Carbon Tetrachloride	5.70	117	72579	17.75	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	46457	18.59	ug/l	95
40) Benzene	5.99	78	110995	19.07	ug/l	96
41) Methacrylonitrile	5.10	41	12869	18.70	ug/l	92
42) 1,2-Dichloroethane	6.11	62	67243	18.76	ug/l	98
43) Isopropyl Acetate	7.60	43	35935	19.10	ug/l	93
44) Trichloroethene	6.96	130	42604	20.06	ug/l	91
45) 1,2-Dichloropropane	7.33	63	28714	19.10	ug/l	97
46) Dibromomethane	7.44	93	26015	19.66	ug/l	91
47) Bromodichloromethane	7.73	83	64348	18.97	ug/l	98
48) Methyl methacrylate	7.49	41	23324	18.71	ug/l	95
49) 1,4-Dioxane	7.48	88	3915	403.79	ug/l #	92
51) 4-Methyl-2-Pentanone	8.58	43	123082	89.83	ug/l	98
52) Toluene	8.78	92	70048	19.11	ug/l	94
53) t-1,3-Dichloropropene	9.17	75	54275	18.89	ug/l	93
54) cis-1,3-Dichloropropene	8.34	75	56011	19.31	ug/l	97
55) 1,1,2-Trichloroethane	9.44	97	26799	19.06	ug/l	96
56) Ethyl methacrylate	9.30	69	31312	19.69	ug/l	88
57) 1,3-Dichloropropane	9.65	76	41669	18.43	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.17	63	79216	105.56	ug/l	98
59) 2-Hexanone	9.77	43	93828	90.48	ug/l	92
60) Dibromochloromethane	9.94	129	43983	19.23	ug/l	89
61) 1,2-Dibromoethane	10.08	107	30821	18.61	ug/l	93
64) Tetrachloroethene	9.50	164	37995	18.96	ug/l	95
65) Chlorobenzene	10.71	112	84514	19.34	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.84	131	38872	19.79	ug/l	97
67) Ethyl Benzene	10.85	91	159058	19.69	ug/l	97
68) m/p-Xylenes	11.00	106	98764	38.54	ug/l	87
69) o-Xylene	11.40	106	49049	19.52	ug/l	94
70) Styrene	11.42	104	82827	19.92	ug/l	97
71) Bromoform	11.59	173	28636	19.28	ug/l	95
73) Isopropylbenzene	11.76	105	154256	19.51	ug/l	98
74) N-amyl acetate	11.63	43	47370	19.16	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	31124	20.24	ug/l	92
76) 1,2,3-Trichloropropane	12.11	75	33211	18.33	ug/l	95
77) Bromobenzene	12.03	156	42672	18.82	ug/l	96
78) n-propylbenzene	12.15	91	184517	18.87	ug/l	100
79) 2-Chlorotoluene	12.20	91	114466	19.43	ug/l	98
80) 1,3,5-Trimethylbenzene	12.31	105	122124	18.80	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.83	75	8042	17.79	ug/l	89
82) 4-Chlorotoluene	12.31	91	132955	19.31	ug/l	99
83) tert-Butylbenzene	12.57	119	143063	19.49	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	125946	18.29	ug/l	96
85) sec-Butylbenzene	12.75	105	153971	19.00	ug/l	100
86) p-Isopropyltoluene	12.87	119	130683	18.62	ug/l	98
87) 1,3-Dichlorobenzene	12.83	146	74140	18.67	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	75144	18.84	ug/l	98
89) n-Butylbenzene	13.19	91	137263	19.83	ug/l	98
90) Hexachloroethane	13.39	117	33675	18.38	ug/l	99
91) 1,2-Dichlorobenzene	13.19	146	66094	20.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	6360	18.87	ug/l	85

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93) 1,2,4-Trichlorobenzene	14.33	180	57978	19.70	ug/l	98
94) Hexachlorobutadiene	14.43	225	42674	18.58	ug/l	98
95) Naphthalene	14.51	128	85020	19.31	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	49458	18.81	ug/l	97

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

