

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003067.D
 Acq On : 30 Jun 2018 08:41
 Operator : JC/MD
 Sample : J3675-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

Quant Time: Jun 30 09:39:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228845	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186933	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.51	113	156490	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.72	98	541717	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.14	95	211430	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	146715	60.09	ug/l	97
3) Chloromethane	1.32	50	149823	59.26	ug/l	100
4) Vinyl Chloride	1.41	62	167899	54.23	ug/l	# 89
5) Bromomethane	1.64	94	68476	47.23	ug/l	99
6) Chloroethane	1.72	64	99695	55.10	ug/l	100
7) Trichlorofluoromethane	1.93	101	253646	48.57	ug/l	99
8) Diethyl Ether	2.19	74	95221	50.16	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140150	46.32	ug/l	97
10) Methyl Iodide	2.51	142	131647	43.78	ug/l	98
11) Tert butyl alcohol	3.08	59	153866	204.13	ug/l	98
12) 1,1-Dichloroethene	2.37	96	133924	49.60	ug/l	94
13) Acrolein	2.30	56	85221	204.71	ug/l	100
14) Allyl chloride	2.73	41	245112	46.06	ug/l	96
15) Acrylonitrile	3.15	53	391285	243.03	ug/l	100
16) Acetone	2.45	43	354001	225.91	ug/l	98
17) Carbon Disulfide	2.57	76	363838	50.58	ug/l	98
18) Methyl Acetate	2.78	43	153469	35.03	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	480760	49.53	ug/l	99
20) Methylene Chloride	2.86	84	149019	48.87	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	144550	49.16	ug/l	94
22) Diisopropyl ether	3.88	45	514793	50.60	ug/l	96
23) Vinyl Acetate	3.83	43	1718699	199.52	ug/l	98
24) 1,1-Dichloroethane	3.70	63	277619	50.21	ug/l	99
25) 2-Butanone	4.71	43	553274	237.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	103842	23.10	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	170126	51.60	ug/l	89
28) Bromochloromethane	5.03	49	130327	49.24	ug/l	94
29) Tetrahydrofuran	5.17	42	361606	242.47	ug/l	97
30) Chloroform	5.22	83	290851	51.26	ug/l	97
31) Cyclohexane	5.57	56	235462	49.62	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	256259	51.33	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205947	48.19	ug/l	98
37) Ethyl Acetate	4.87	43	176457	38.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	229490	48.94	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219974	44.19	ug/l	99
40) Benzene	6.15	78	618549	49.82	ug/l	99
41) Methacrylonitrile	5.07	41	127869	48.26	ug/l	98
42) 1,2-Dichloroethane	6.20	62	238932	47.64	ug/l	100
43) Isopropyl Acetate	6.47	43	315863	40.93	ug/l	98
44) Trichloroethene	7.21	130	178228	48.14	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159848	48.53	ug/l	97
46) Dibromomethane	7.67	93	111298	48.69	ug/l	96
47) Bromodichloromethane	7.90	83	212768	50.35	ug/l	98
48) Methyl methacrylate	7.78	41	190809	47.99	ug/l	96
49) 1,4-Dioxane	7.76	88	62757	811.26	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1168736	242.07	ug/l	98
52) Toluene	8.79	92	394104	49.55	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	217619	45.47	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	205821	44.70	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162160	49.61	ug/l	97
56) Ethyl methacrylate	9.18	69	242256	50.71	ug/l	94
57) 1,3-Dichloropropane	9.38	76	263516	49.09	ug/l	99
59) 2-Hexanone	9.50	43	874695	238.38	ug/l	97
60) Dibromochloromethane	9.59	129	174253	50.64	ug/l	99
61) 1,2-Dibromoethane	9.68	107	169844	49.54	ug/l	99
64) Tetrachloroethene	9.34	164	173698	42.62	ug/l	99
65) Chlorobenzene	10.14	112	451118	48.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171201	50.62	ug/l	100
67) Ethyl Benzene	10.26	91	769251	50.02	ug/l	99
68) m/p-Xylenes	10.36	106	593937	100.20	ug/l	98
69) o-Xylene	10.70	106	290154	50.27	ug/l	98
70) Stvrene	10.71	104	483063	51.51	ug/l	99
71) Bromoform	10.86	173	136786	45.17	ug/l #	99
73) Isopropylbenzene	11.02	105	779956	50.66	ug/l	100
74) N-amyl acetate	6.47	43	315863	41.93	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	246182	51.91	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	253460	61.14	ug/l	80
77) Bromobenzene	11.26	156	221942	50.62	ug/l	97
78) n-propylbenzene	11.37	91	868283	49.55	ug/l	99
79) 2-Chlorotoluene	11.43	91	526775	49.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	641744	49.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48976	35.34	ug/l	99
82) 4-Chlorotoluene	11.51	91	619433	49.32	ug/l	99
83) tert-Butylbenzene	11.77	119	660878	51.72	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	667878	49.71	ug/l	99
85) sec-Butylbenzene	11.95	105	757096	48.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	676617	48.55	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	394499	49.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397525	48.24	ug/l	99
89) n-Butylbenzene	12.39	91	551766	45.48	ug/l	99
90) Hexachloroethane	12.60	117	97782	47.17	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	400554	49.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52699	49.43	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	281425	47.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	132064	45.02	ug/l	100
95) Naphthalene	13.83	128	822744	52.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288836	49.17	ug/l	99

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

