

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003709.D
 Acq On : 27 Jul 2018 10:00
 Operator : JC/SP
 Sample : J4154-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0506MS

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:41:16 PM

Quant Time: Jul 27 10:58:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	125852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	78366	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
35) Dibromofluoromethane	5.51	113	64166	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.72	98	207834	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	11.14	95	73839	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52715	46.82	ug/l	99
3) Chloromethane	1.32	50	75757	51.08	ug/l	96
4) Vinyl Chloride	1.40	62	76419	50.38	ug/l	91
5) Bromomethane	1.64	94	38261	52.24	ug/l	94
6) Chloroethane	1.72	64	49813	48.79	ug/l	100
7) Trichlorofluoromethane	1.93	101	100986	51.72	ug/l	97
8) Diethyl Ether	2.19	74	46743	54.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59557	49.56	ug/l	99
10) Methyl Iodide	2.51	142	81600	50.35	ug/l	99
11) Tert butyl alcohol	3.08	59	78738	224.94	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58720	51.35	ug/l	94
13) Acrolein	2.29	56	34037	193.23	ug/l	98
14) Allyl chloride	2.73	41	116661	48.94	ug/l	99
15) Acrylonitrile	3.15	53	215602	254.92	ug/l	99
16) Acetone	2.45	43	173903	252.78	ug/l	99
17) Carbon Disulfide	2.57	76	165469	50.31	ug/l	100
18) Methyl Acetate	2.78	43	83215	40.05	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	218899	54.21	ug/l	100
20) Methylene Chloride	2.85	84	72911	53.49	ug/l	# 86
21) trans-1,2-Dichloroethene	3.17	96	64522	52.48	ug/l	98
22) Diisopropyl ether	3.88	45	219814	50.51	ug/l	96
23) Vinyl Acetate	3.83	43	623042	167.12	ug/l	# 94
24) 1,1-Dichloroethane	3.70	63	130820	53.33	ug/l	100
25) 2-Butanone	4.71	43	266358	250.62	ug/l	96
26) 2,2-Dichloropropane	4.59	77	36043	23.24	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	74082	55.49	ug/l	91
28) Bromochloromethane	5.02	49	48696	49.47	ug/l	100
29) Tetrahydrofuran	5.17	42	177609	256.72	ug/l	96
30) Chloroform	5.21	83	126467	56.84	ug/l	99
31) Cyclohexane	5.57	56	101722	51.66	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	99202	53.69	ug/l	97
36) 1,1-Dichloropropene	5.80	75	88700	49.26	ug/l	99
37) Ethyl Acetate	4.87	43	71567	33.05	ug/l	99
38) Carbon Tetrachloride	5.79	117	88791	51.16	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82979	41.86	ug/l	99
40) Benzene	6.15	78	320489	60.14	ug/l	99
41) Methacrylonitrile	5.06	41	58313	48.63	ug/l	99
42) 1,2-Dichloroethane	6.20	62	94744	50.51	ug/l	99
43) Isopropyl Acetate	6.47	43	131201	41.54	ug/l	99
44) Trichloroethene	7.22	130	62245	43.57	ug/l	98
45) 1,2-Dichloropropane	7.52	63	64271	46.66	ug/l	97
46) Dibromomethane	7.67	93	40713	46.01	ug/l	97
47) Bromodichloromethane	7.90	83	77385	46.64	ug/l	97
48) Methyl methacrylate	7.78	41	72872	45.46	ug/l	96
49) 1,4-Dioxane	7.76	88	27260	762.28	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	458735	215.24	ug/l	98
52) Toluene	8.79	92	139297	42.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	76405	37.80	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	72781	39.62	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	58431	43.16	ug/l	98
56) Ethyl methacrylate	9.18	69	89151	44.25	ug/l	96
57) 1,3-Dichloropropane	9.38	76	104921	46.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.26	63	241	0.24	ug/l #	48
59) 2-Hexanone	9.50	43	389756	238.40	ug/l	99
60) Dibromochloromethane	9.59	129	64140	49.94	ug/l	99
61) 1,2-Dibromoethane	9.68	107	60758	43.10	ug/l	99
64) Tetrachloroethene	9.34	164	53160	46.20	ug/l	94
65) Chlorobenzene	10.14	112	155383	49.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56662	51.46	ug/l	99
67) Ethyl Benzene	10.26	91	283207	53.42	ug/l	99
68) m/p-Xylenes	10.36	106	213453	104.95	ug/l	99
69) o-Xylene	10.70	106	100349	51.25	ug/l	98
70) Styrene	10.71	104	169255	51.46	ug/l	99
71) Bromoform	10.86	173	45215	51.93	ug/l #	98
73) Isopropylbenzene	11.02	105	274052	52.01	ug/l	99
74) N-amyl acetate	6.47	43	131201	47.74	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95442	49.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	79925m	49.41	ug/l	
77) Bromobenzene	11.26	156	70307	49.13	ug/l	98
78) n-propylbenzene	11.36	91	316574	52.03	ug/l	99
79) 2-Chlorotoluene	11.42	91	208602	56.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	251806	56.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21659	41.49	ug/l	95
82) 4-Chlorotoluene	11.51	91	239639	55.01	ug/l	99
83) tert-Butylbenzene	11.77	119	232480	53.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	273118	59.61	ug/l	99
85) sec-Butylbenzene	11.95	105	271009	52.05	ug/l	100
86) p-Isopropyltoluene	12.07	119	239659	51.29	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	137564	51.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	131730	47.54	ug/l	99
89) n-Butylbenzene	12.39	91	199097	47.27	ug/l	100
90) Hexachloroethane	12.60	117	39244	55.45	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	133015	48.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20976	51.79	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94827	48.80	ug/l	98
94) Hexachlorobutadiene	13.79	225	39019	43.41	ug/l	99
95) Naphthalene	13.83	128	303985	51.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95948	48.61	ug/l	100

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

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