

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003710.D
 Acq On : 27 Jul 2018 10:26
 Operator : JC/SP
 Sample : J4154-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0506MSD

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:41:20 PM

Quant Time: Jul 27 11:00:44 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	85995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	135097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	72031	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	
35) Dibromofluoromethane	5.51	113	55345	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.72	98	205425	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.14	95	75359	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55206	56.37	ug/l	100
3) Chloromethane	1.32	50	73342	56.85	ug/l	100
4) Vinyl Chloride	1.40	62	77292	58.57	ug/l	97
5) Bromomethane	1.64	94	41667	65.39	ug/l	94
6) Chloroethane	1.72	64	51636	60.30	ug/l	99
7) Trichlorofluoromethane	1.93	101	102210	60.17	ug/l	98
8) Diethyl Ether	2.19	74	44895	60.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59879	57.28	ug/l	100
10) Methyl Iodide	2.51	142	85320	59.88	ug/l	99
11) Tert butyl alcohol	3.08	59	80292	263.69	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60619	60.94	ug/l	93
13) Acrolein	2.29	56	35300	229.60	ug/l	97
14) Allyl chloride	2.73	41	112858	54.43	ug/l	98
15) Acrylonitrile	3.15	53	212379	288.67	ug/l	100
16) Acetone	2.45	43	176868	295.55	ug/l	97
17) Carbon Disulfide	2.57	76	165042	57.68	ug/l	99
18) Methyl Acetate	2.78	43	83357	46.12	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	213412	60.75	ug/l	96
20) Methylene Chloride	2.86	84	71047	59.92	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	64263	60.08	ug/l	98
22) Diisopropyl ether	3.88	45	212096	56.02	ug/l	94
23) Vinyl Acetate	3.82	43	643410	198.40	ug/l	99
24) 1,1-Dichloroethane	3.70	63	127526	59.77	ug/l	100
25) 2-Butanone	4.71	43	269837	291.87	ug/l	100
26) 2,2-Dichloropropane	4.59	77	33691	24.97	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	68580	59.06	ug/l	93
28) Bromochloromethane	5.02	49	48219	56.31	ug/l	98
29) Tetrahydrofuran	5.17	42	160705	267.03	ug/l	98
30) Chloroform	5.22	83	107606	55.60	ug/l	98
31) Cyclohexane	5.57	56	91769	53.58	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	88445	55.03	ug/l	97
36) 1,1-Dichloropropene	5.80	75	77172	48.87	ug/l	98
37) Ethyl Acetate	4.87	43	73912	38.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	75829	49.82	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81409	46.83	ug/l	99
40) Benzene	6.15	78	296738	63.50	ug/l	96
41) Methacrylonitrile	5.07	41	55571	52.85	ug/l	99
42) 1,2-Dichloroethane	6.20	62	88057	53.54	ug/l	99
43) Isopropyl Acetate	6.47	43	121052	43.70	ug/l	99
44) Trichloroethene	7.21	130	57237	45.68	ug/l	96
45) 1,2-Dichloropropane	7.52	63	60907	50.42	ug/l	99
46) Dibromomethane	7.67	93	40663	52.40	ug/l	98
47) Bromodichloromethane	7.90	83	80837	55.56	ug/l	98
48) Methyl methacrylate	7.78	41	72015	51.23	ug/l	95
49) 1,4-Dioxane	7.76	88	26363	840.64	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	463969	248.24	ug/l	98
52) Toluene	8.79	92	142583	49.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	78289	44.17	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	73954	45.91	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	59077	49.76	ug/l	97
56) Ethyl methacrylate	9.18	69	91274	51.66	ug/l	96
57) 1,3-Dichloropropane	9.37	76	99807	50.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.25	63	296	0.33	ug/l #	48
59) 2-Hexanone	9.50	43	357961	249.68	ug/l	98
60) Dibromochloromethane	9.59	129	58573	52.01	ug/l	100
61) 1,2-Dibromoethane	9.68	107	61461	49.71	ug/l	100
64) Tetrachloroethene	9.34	164	48780	42.08	ug/l	97
65) Chlorobenzene	10.14	112	158291	49.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	56841	51.23	ug/l	99
67) Ethyl Benzene	10.26	91	292520	54.76	ug/l	100
68) m/p-Xylenes	10.36	106	215644	105.23	ug/l	100
69) o-Xylene	10.70	106	101996	51.70	ug/l	99
70) Styrene	10.71	104	173007	52.20	ug/l	99
71) Bromoform	10.86	173	45169	51.49	ug/l #	99
73) Isopropylbenzene	11.02	105	276431	43.67	ug/l	99
74) N-amyl acetate	6.47	43	121052	36.67	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	96826	41.42	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	91562m	47.12	ug/l	
77) Bromobenzene	11.26	156	71104	41.36	ug/l	97
78) n-propylbenzene	11.36	91	321293	43.96	ug/l	99
79) 2-Chlorotoluene	11.42	91	191016	43.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	233162	43.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20985	33.46	ug/l	95
82) 4-Chlorotoluene	11.51	91	224277	42.86	ug/l	100
83) tert-Butylbenzene	11.77	119	243378	46.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	265631	48.26	ug/l	100
85) sec-Butylbenzene	11.95	105	323265	51.69	ug/l	100
86) p-Isopropyltoluene	12.07	119	283863	50.57	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	159721	49.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	160189	48.12	ug/l	100
89) n-Butylbenzene	12.39	91	234438	46.34	ug/l	100
90) Hexachloroethane	12.60	117	45328	53.32	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156711	47.91	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23577	48.46	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102550	43.94	ug/l	100
94) Hexachlorobutadiene	13.79	225	42123	39.01	ug/l	100
95) Naphthalene	13.84	128	320143	45.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101691	42.89	ug/l	99

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

