

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003672.D
 Acq On : 26 Jul 2018 16:10
 Operator : JC/SP
 Sample : VX0726WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:40:24 PM

Quant Time: Jul 27 05:45:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	116782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	170831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	89109	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.51	113	72556	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	8.72	98	275801	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	100425	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23585	17.73	ug/l	99
3) Chloromethane	1.32	50	31751	18.12	ug/l	99
4) Vinyl Chloride	1.40	62	34024	18.99	ug/l	97
5) Bromomethane	1.64	94	19607	22.66	ug/l	92
6) Chloroethane	1.73	64	23764	18.96	ug/l	100
7) Trichlorofluoromethane	1.93	101	44923	19.48	ug/l	95
8) Diethyl Ether	2.19	74	18699	18.50	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29013	20.44	ug/l	98
10) Methyl Iodide	2.51	142	34645	20.13	ug/l	100
11) Tert butyl alcohol	3.05	59	39137	94.65	ug/l	100
12) 1,1-Dichloroethene	2.38	96	25669	19.00	ug/l	93
13) Acrolein	2.29	56	21724	106.25	ug/l	96
14) Allyl chloride	2.73	41	52533	18.66	ug/l	97
15) Acrylonitrile	3.14	53	95773	95.86	ug/l	99
16) Acetone	2.44	43	77635	95.53	ug/l	99
17) Carbon Disulfide	2.57	76	71314	18.35	ug/l	100
18) Methyl Acetate	2.78	43	48179	19.63	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	91576	19.20	ug/l	97
20) Methylene Chloride	2.86	84	30619	19.01	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	28233	19.44	ug/l	99
22) Diisopropyl ether	3.87	45	101256	19.70	ug/l	# 85
23) Vinyl Acetate	3.82	43	430325	97.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	55199	19.05	ug/l	99
25) 2-Butanone	4.70	43	132794	105.77	ug/l	99
26) 2,2-Dichloropropane	4.59	77	37283	20.35	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	32146	20.38	ug/l	98
28) Bromochloromethane	5.03	49	23453	20.17	ug/l	97
29) Tetrahydrofuran	5.16	42	84632	103.55	ug/l	99
30) Chloroform	5.22	83	53119	20.21	ug/l	98
31) Cyclohexane	5.58	56	45961	19.76	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	43102	19.75	ug/l	97
36) 1,1-Dichloropropene	5.80	75	37495	18.78	ug/l	100
37) Ethyl Acetate	4.86	43	49992	20.82	ug/l	99
38) Carbon Tetrachloride	5.78	117	37265	19.36	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	43009	19.57	ug/l	97
40) Benzene	6.15	78	121960	20.64	ug/l	99
41) Methacrylonitrile	5.06	41	28080	21.12	ug/l	98
42) 1,2-Dichloroethane	6.20	62	42377	20.38	ug/l	100
43) Isopropyl Acetate	6.47	43	68817	19.65	ug/l	100
44) Trichloroethene	7.21	130	30575	19.30	ug/l	99
45) 1,2-Dichloropropane	7.52	63	30671	20.08	ug/l	96
46) Dibromomethane	7.66	93	19523	19.90	ug/l	99
47) Bromodichloromethane	7.90	83	35588	19.34	ug/l	98
48) Methyl methacrylate	7.78	41	34943	19.66	ug/l	98
49) 1,4-Dioxane	7.76	88	15175	382.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	229821	97.24	ug/l	99
52) Toluene	8.79	92	73233	19.94	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	39445	19.36	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	43636	19.47	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	29578	19.70	ug/l	98
56) Ethyl methacrylate	9.18	69	43304	19.38	ug/l	97
57) 1,3-Dichloropropane	9.37	76	50183	19.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	115876	103.21	ug/l	100
59) 2-Hexanone	9.50	43	177867	98.11	ug/l	99
60) Dibromochloromethane	9.59	129	28135	19.76	ug/l	100
61) 1,2-Dibromoethane	9.68	107	30835	19.72	ug/l	99
64) Tetrachloroethene	9.34	164	28358	18.91	ug/l	97
65) Chlorobenzene	10.14	112	81143	19.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	27693	19.30	ug/l	98
67) Ethyl Benzene	10.26	91	136449	19.75	ug/l	99
68) m/p-Xylenes	10.36	106	106898	40.34	ug/l	99
69) o-Xylene	10.70	106	49939	19.57	ug/l	98
70) Styrene	10.71	104	85413	19.93	ug/l	99
71) Bromoform	10.86	173	21245	18.73	ug/l #	99
73) Isopropylbenzene	11.02	105	138041	20.16	ug/l	99
74) N-amyl acetate	6.47	43	68817	19.27	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	47974	18.97	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	41369m	19.68	ug/l	
77) Bromobenzene	11.26	156	36368	19.55	ug/l	99
78) n-propylbenzene	11.36	91	161289	20.40	ug/l	99
79) 2-Chlorotoluene	11.42	91	95898	19.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	117332	20.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	12920	19.04	ug/l	95
82) 4-Chlorotoluene	11.51	91	114035	20.14	ug/l	99
83) tert-Butylbenzene	11.77	119	112202	19.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	120954	20.31	ug/l	100
85) sec-Butylbenzene	11.95	105	137160	20.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	123150	20.28	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	67801	19.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	69464	19.29	ug/l	99
89) n-Butylbenzene	12.39	91	107533	19.65	ug/l	99
90) Hexachloroethane	12.60	117	18914	20.56	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	68309	19.30	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9989	18.98	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47952	18.99	ug/l	100
94) Hexachlorobutadiene	13.79	225	22288	19.08	ug/l	98
95) Naphthalene	13.83	128	144226	18.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	49411	19.26	ug/l	99

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

