

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070618\
 Data File : VX003236.D
 Acq On : 07 Jul 2018 02:00
 Operator : JC/MD
 Sample : VX0706WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:56:55 PM

Quant Time: Jul 07 03:23:54 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	218573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	297631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161240	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	5.51	113	138612	58.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.62%	
50) Toluene-d8	8.72	98	472926	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
62) 4-Bromofluorobenzene	11.14	95	182837	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45697	23.256	ug/l	97
3) Chloromethane	1.32	50	49050	23.577	ug/l	99
4) Vinyl Chloride	1.40	62	52623	21.289	ug/l	93
5) Bromomethane	1.64	94	21872	17.170	ug/l	96
6) Chloroethane	1.72	64	34341	22.515	ug/l	100
7) Trichlorofluoromethane	1.93	101	85592	20.528	ug/l	97
8) Diethyl Ether	2.19	74	32531	21.461	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50037	20.711	ug/l	97
10) Methyl Iodide	2.51	142	40937	20.854	ug/l	97
11) Tert butyl alcohol	3.08	59	63934	106.232	ug/l	97
12) 1,1-Dichloroethene	2.37	96	45923	21.304	ug/l	92
13) Acrolein	2.29	56	31923	98.288	ug/l	99
14) Allyl chloride	2.73	41	84383	19.859	ug/l	95
15) Acrylonitrile	3.15	53	142514	110.864	ug/l	99
16) Acetone	2.45	43	129565	103.558	ug/l	97
17) Carbon Disulfide	2.57	76	110531	19.245	ug/l	100
18) Methyl Acetate	2.78	43	73514	21.016	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	164632	21.244	ug/l	100
20) Methylene Chloride	2.86	84	57972	23.811	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	49127	20.924	ug/l	92
22) Diisopropyl ether	3.88	45	174325	21.462	ug/l	99
23) Vinyl Acetate	3.83	43	719692	104.640	ug/l	99
24) 1,1-Dichloroethane	3.70	63	93804	21.248	ug/l	99
25) 2-Butanone	4.71	43	215831	116.238	ug/l	98
26) 2,2-Dichloropropane	4.59	77	55123	15.356	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	60001	22.793	ug/l	99
28) Bromochloromethane	5.02	49	48460	22.933	ug/l	90
29) Tetrahydrofuran	5.17	42	138550	116.358	ug/l	96
30) Chloroform	5.22	83	104400	23.043	ug/l	95
31) Cyclohexane	5.58	56	81139	21.416	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	89341	22.413	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70576	21.623	ug/l	98
37) Ethyl Acetate	4.87	43	82637	23.515	ug/l	98
38) Carbon Tetrachloride	5.79	117	80219	22.397	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79336	20.868	ug/l	98
40) Benzene	6.15	78	223040	23.519	ug/l	97
41) Methacrylonitrile	5.07	41	46727	23.090	ug/l	96
42) 1,2-Dichloroethane	6.20	62	84093	21.952	ug/l	98
43) Isopropyl Acetate	6.47	43	129211	21.923	ug/l	97
44) Trichloroethene	7.21	130	65111	23.028	ug/l	98
45) 1,2-Dichloropropane	7.52	63	57568	22.884	ug/l	99
46) Dibromomethane	7.67	93	39830	22.815	ug/l	95
47) Bromodichloromethane	7.90	83	72808	22.559	ug/l	98
48) Methyl methacrylate	7.78	41	66497	21.897	ug/l	95
49) 1,4-Dioxane	7.76	88	28101	475.610	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	425000	115.253	ug/l	97
52) Toluene	8.79	92	141847	23.348	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	80270	21.961	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	71780	20.410	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	60065	24.060	ug/l	96
56) Ethyl methacrylate	9.18	69	82187	22.526	ug/l	92
57) 1,3-Dichloropropane	9.38	76	96992	23.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	188957	107.349	ug/l	97
59) 2-Hexanone	9.50	43	324830	115.905	ug/l	96
60) Dibromochloromethane	9.59	129	60846	23.153	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62456	23.851	ug/l	100
64) Tetrachloroethene	9.34	164	79058	24.861	ug/l	97
65) Chlorobenzene	10.14	112	165455	22.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	61076	23.145	ug/l	100
67) Ethyl Benzene	10.26	91	263361	21.947	ug/l	100
68) m/p-Xylenes	10.36	106	207167	44.796	ug/l	98
69) o-Xylene	10.70	106	102144	22.683	ug/l	97
70) Styrene	10.71	104	168516	23.030	ug/l	99
71) Bromoform	10.86	173	46967	22.065	ug/l #	98
73) Isopropylbenzene	11.02	105	278215	23.194	ug/l	99
74) N-amyl acetate	6.47	43	129211	22.016	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	87526	23.688	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83720m	25.921	ug/l	
77) Bromobenzene	11.26	156	78476	22.974	ug/l	96
78) n-propylbenzene	11.36	91	308063	22.562	ug/l	99
79) 2-Chlorotoluene	11.42	91	188200	22.767	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	230680	22.833	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	18359	18.745	ug/l	94
82) 4-Chlorotoluene	11.51	91	217565	22.232	ug/l	98
83) tert-Butylbenzene	11.77	119	222299	22.326	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	237528	22.692	ug/l	99
85) sec-Butylbenzene	11.95	105	272508	22.561	ug/l	99
86) p-Isopropyltoluene	12.07	119	243946	22.464	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	142171	22.788	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	142358	22.173	ug/l	100
89) n-Butylbenzene	12.39	91	192353	20.351	ug/l	99
90) Hexachloroethane	12.60	117	34661	21.459	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	145084	23.040	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17955	21.616	ug/l	95

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100041	21.830	ug/l	99
94) Hexachlorobutadiene	13.79	225	49153	21.505	ug/l	99
95) Naphthalene	13.84	128	281082	23.028	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103824	22.682	ug/l	100

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

