

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010879.D
 Acq On : 15 Jul 2019 13:09
 Operator : JC/SP
 Sample : VX0715WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:44:10 AM

Quant Time: Jul 16 03:14:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110384	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.50	113	101474	43.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.90%	
50) Toluene-d8	8.71	98	366755	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
62) 4-Bromofluorobenzene	11.13	95	140488	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35873	20.509	ug/l	97
3) Chloromethane	1.33	50	37352	18.339	ug/l	98
4) Vinyl Chloride	1.41	62	39594	17.749	ug/l	97
5) Bromomethane	1.64	94	21972	20.217	ug/l	94
6) Chloroethane	1.72	64	27135	20.617	ug/l	94
7) Trichlorofluoromethane	1.93	101	70449	19.921	ug/l	96
8) Diethyl Ether	2.19	74	24270	19.137	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40883	19.077	ug/l	100
10) Methyl Iodide	2.51	142	48772	15.947	ug/l	96
11) Tert butyl alcohol	3.04	59	48216	78.116	ug/l	95
12) 1,1-Dichloroethene	2.37	96	40222	18.445	ug/l	97
13) Acrolein	2.29	56	37587	91.796	ug/l	96
14) Allyl chloride	2.73	41	58162	18.786	ug/l	96
15) Acrylonitrile	3.14	53	115273	94.327	ug/l	99
16) Acetone	2.44	43	91365	77.284	ug/l	95
17) Carbon Disulfide	2.57	76	95218	16.275	ug/l	100
18) Methyl Acetate	2.78	43	49823	21.146	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	132765	19.353	ug/l	96
20) Methylene Chloride	2.85	84	46011	18.912	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42170	17.980	ug/l	97
22) Diisopropyl ether	3.85	45	126762	19.583	ug/l	97
23) Vinyl Acetate	3.81	43	539928	96.555	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71820	19.195	ug/l	99
25) 2-Butanone	4.67	43	152447	87.910	ug/l	98
26) 2,2-Dichloropropane	4.58	77	55607	17.108	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	49803	18.376	ug/l	96
28) Bromochloromethane	5.02	49	29791	16.653	ug/l	92
29) Tetrahydrofuran	5.13	42	98780	91.963	ug/l	99
30) Chloroform	5.21	83	78473	19.493	ug/l	98
31) Cyclohexane	5.58	56	63601	18.666	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	67327	18.940	ug/l	100
36) 1,1-Dichloropropene	5.80	75	55324	18.449	ug/l	98
37) Ethyl Acetate	4.84	43	56991	18.474	ug/l	98
38) Carbon Tetrachloride	5.79	117	57527	17.716	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68196	17.301	ug/l	92
40) Benzene	6.14	78	173479	18.569	ug/l	98
41) Methacrylonitrile	5.05	41	31800	18.787	ug/l	97
42) 1,2-Dichloroethane	6.20	62	59567	20.946	ug/l	97
43) Isopropyl Acetate	6.45	43	94474	18.510	ug/l	98
44) Trichloroethene	7.21	130	49773	17.805	ug/l	90
45) 1,2-Dichloropropane	7.51	63	44457	18.844	ug/l	97
46) Dibromomethane	7.66	93	32097	18.962	ug/l	94
47) Bromodichloromethane	7.90	83	56145	18.099	ug/l	99
48) Methyl methacrylate	7.77	41	47144	19.872	ug/l	96
49) 1,4-Dioxane	7.74	88	23376	342.037	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	312072	95.600	ug/l	99
52) Toluene	8.78	92	113656	18.474	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59666	17.156	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66719	17.653	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	46832	18.457	ug/l	99
56) Ethyl methacrylate	9.18	69	71042	18.482	ug/l	96
57) 1,3-Dichloropropane	9.37	76	74065	18.804	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	155673	85.277	ug/l	99
59) 2-Hexanone	9.49	43	240791	93.724	ug/l	97
60) Dibromochloromethane	9.58	129	48631	17.118	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50628	18.486	ug/l	99
64) Tetrachloroethene	9.34	164	50612	18.051	ug/l	97
65) Chlorobenzene	10.13	112	127856	18.167	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46429	18.112	ug/l	98
67) Ethyl Benzene	10.25	91	217215	18.282	ug/l	100
68) m/p-Xylenes	10.36	106	167443	36.372	ug/l	97
69) o-Xylene	10.69	106	83429	18.428	ug/l	100
70) Styrene	10.71	104	140015	18.442	ug/l	98
71) Bromoform	10.85	173	35658	15.995	ug/l #	100
73) Isopropylbenzene	11.02	105	219514	18.049	ug/l	98
74) N-amyl acetate	10.90	43	88195	19.188	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	71814	17.830	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59797m	18.290	ug/l	
77) Bromobenzene	11.26	156	59182	17.427	ug/l	96
78) n-propylbenzene	11.36	91	244409	18.285	ug/l	98
79) 2-Chlorotoluene	11.42	91	146060	18.350	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	185644	18.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19117	13.641	ug/l #	85
82) 4-Chlorotoluene	11.51	91	166180	18.348	ug/l	100
83) tert-Butylbenzene	11.77	119	182110	18.097	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	184443	18.310	ug/l	100
85) sec-Butylbenzene	11.94	105	214986	18.195	ug/l	99
86) p-Isopropyltoluene	12.06	119	195978	17.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103149	17.400	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105233	17.437	ug/l	99
89) n-Butylbenzene	12.38	91	164254	17.686	ug/l	99
90) Hexachloroethane	12.59	117	29679	15.705	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	106760	18.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15332	17.655	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	71494	17.498	ug/l	99
94) Hexachlorobutadiene	13.78	225	34187	17.120	ug/l	99
95) Naphthalene	13.83	128	225284	17.942	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	72359	17.812	ug/l	98

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

