

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008822.D
 Acq On : 10 Apr 2019 22:32
 Operator : JC/SP
 Sample : VX0410WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:27 AM

Quant Time: Apr 11 08:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	169575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113757	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
35) Dibromofluoromethane	5.50	113	83648	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	8.71	98	337886	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.13	95	120806	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	29417	15.071	ug/l 98
3) Chloromethane	1.32	50	44767	17.620	ug/l 100
4) Vinyl Chloride	1.41	62	41365	15.676	ug/l 97
5) Bromomethane	1.64	94	24546	20.057	ug/l 99
6) Chloroethane	1.72	64	25158	15.360	ug/l 98
7) Trichlorofluoromethane	1.93	101	47890	16.418	ug/l 98
8) Diethyl Ether	2.19	74	22876	16.538	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31114	16.568	ug/l 98
10) Methyl Iodide	2.51	142	27123	18.592	ug/l 100
11) Tert butyl alcohol	3.04	59	53706	92.750	ug/l 100
12) 1,1-Dichloroethene	2.37	96	32717	16.689	ug/l 99
13) Acrolein	2.29	56	35490	123.607	ug/l 99
14) Allyl chloride	2.73	41	74925	16.695	ug/l 99
15) Acrylonitrile	3.14	53	136384	88.908	ug/l 100
16) Acetone	2.44	43	116344	81.669	ug/l 98
17) Carbon Disulfide	2.57	76	89090	15.222	ug/l 98
18) Methyl Acetate	2.78	43	63912	18.498	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	126249	18.033	ug/l 100
20) Methylene Chloride	2.85	84	40609	17.030	ug/l 95
21) trans-1,2-Dichloroethene	3.17	96	35180	16.590	ug/l 98
22) Diisopropyl ether	3.85	45	156649	18.110	ug/l 92
23) Vinyl Acetate	3.81	43	671207	89.197	ug/l 98
24) 1,1-Dichloroethane	3.70	63	75083	17.532	ug/l 98
25) 2-Butanone	4.67	43	202221	89.813	ug/l 99
26) 2,2-Dichloropropane	4.58	77	44267	14.675	ug/l 97
27) cis-1,2-Dichloroethene	4.60	96	41930	17.198	ug/l 98
28) Bromochloromethane	5.01	49	37209	18.918	ug/l 99
29) Tetrahydrofuran	5.13	42	133245	89.161	ug/l 100
30) Chloroform	5.21	83	68373	17.874	ug/l 96
31) Cyclohexane	5.58	56	69721	16.315	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	55083	17.820	ug/l 99
36) 1,1-Dichloropropene	5.80	75	50513	16.421	ug/l 98
37) Ethyl Acetate	4.84	43	75614	18.416	ug/l 98
38) Carbon Tetrachloride	5.78	117	44051	17.303	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60241	15.853	ug/l	99
40) Benzene	6.14	78	161027	17.572	ug/l	100
41) Methacrylonitrile	5.04	41	42410	17.970	ug/l	99
42) 1,2-Dichloroethane	6.19	62	58120	17.691	ug/l	100
43) Isopropyl Acetate	6.45	43	116690	18.143	ug/l	100
44) Trichloroethene	7.21	130	37010	17.340	ug/l	100
45) 1,2-Dichloropropane	7.51	63	45822	17.519	ug/l	99
46) Dibromomethane	7.66	93	25842	17.035	ug/l	98
47) Bromodichloromethane	7.90	83	51323	17.943	ug/l	97
48) Methyl methacrylate	7.77	41	58871	18.094	ug/l	99
49) 1,4-Dioxane	7.74	88	22523	369.544	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	395329	95.481	ug/l	100
52) Toluene	8.79	92	96786	17.915	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54802	17.104	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62715	17.130	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	39599	18.260	ug/l	98
56) Ethyl methacrylate	9.18	69	72065	18.366	ug/l	99
57) 1,3-Dichloropropane	9.37	76	70941	18.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	190028	94.846	ug/l	99
59) 2-Hexanone	9.49	43	300752	93.468	ug/l	100
60) Dibromochloromethane	9.58	129	37147	18.178	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39637	17.557	ug/l	97
64) Tetrachloroethene	9.33	164	33559	17.918	ug/l	98
65) Chlorobenzene	10.13	112	98858	17.642	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34727	17.665	ug/l	98
67) Ethyl Benzene	10.25	91	182617	17.477	ug/l	100
68) m/p-Xylenes	10.36	106	130596	34.761	ug/l	100
69) o-Xylene	10.69	106	64902	17.826	ug/l	99
70) Styrene	10.71	104	112362	17.903	ug/l	99
71) Bromoform	10.85	173	27091	18.044	ug/l #	97
73) Isopropylbenzene	11.02	105	170041	17.930	ug/l	100
74) N-amyl acetate	10.90	43	101031	18.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	64579	17.905	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	55975m	17.806	ug/l	
77) Bromobenzene	11.26	156	41751	18.313	ug/l	98
78) n-propylbenzene	11.36	91	194708	17.633	ug/l	100
79) 2-Chlorotoluene	11.42	91	118786	17.776	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	143519	18.029	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18832	16.513	ug/l	92
82) 4-Chlorotoluene	11.51	91	133785	17.296	ug/l	99
83) tert-Butylbenzene	11.77	119	135590	17.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145355	18.033	ug/l	100
85) sec-Butylbenzene	11.94	105	161208	17.721	ug/l	100
86) p-Isopropyltoluene	12.06	119	145120	17.773	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71080	17.415	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	71093	17.202	ug/l	98
89) n-Butylbenzene	12.38	91	129653	16.932	ug/l	99
90) Hexachloroethane	12.60	117	23577	17.409	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	73609	18.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13856	17.464	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	49160	17.448	ug/l	99
94) Hexachlorobutadiene	13.78	225	24267	17.959	ug/l	99
95) Naphthalene	13.83	128	166369	17.667	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	49717	17.661	ug/l	99

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

