

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007304.D
 Acq On : 30 Jan 2019 10:32
 Operator : JC/SP
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:44:20 AM

Quant Time: Jan 31 00:46:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	507549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	732079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	365022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	230141	43.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.78%	
35) Dibromofluoromethane	5.50	113	209482	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
50) Toluene-d8	8.71	98	779961	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.13	95	294513	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	65936	15.820	ug/l	96
3) Chloromethane	1.33	50	77342	15.940	ug/l	98
4) Vinyl Chloride	1.41	62	84216	16.135	ug/l	99
5) Bromomethane	1.64	94	87775	15.740	ug/l	92
6) Chloroethane	1.72	64	55732	15.292	ug/l	99
7) Trichlorofluoromethane	1.93	101	144451	17.129	ug/l	96
8) Diethyl Ether	2.19	74	57373	17.100	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86939	17.219	ug/l	97
10) Methyl Iodide	2.51	142	120423	17.682	ug/l	99
11) Tert butyl alcohol	3.06	59	112344	89.785	ug/l	99
12) 1,1-Dichloroethene	2.38	96	77724	16.662	ug/l	96
13) Acrolein	2.29	56	55801	105.212	ug/l	96
14) Allyl chloride	2.73	41	139959	17.507	ug/l	98
15) Acrylonitrile	3.15	53	258061	89.841	ug/l	98
16) Acetone	2.45	43	234550	89.445	ug/l	97
17) Carbon Disulfide	2.57	76	153645	12.793	ug/l	99
18) Methyl Acetate	2.78	43	143574	18.906	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	288167	17.798	ug/l	96
20) Methylene Chloride	2.85	84	92672	18.221	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	83382	16.040	ug/l	98
22) Diisopropyl ether	3.87	45	269862	17.955	ug/l	96
23) Vinyl Acetate	3.82	43	1084438	85.559	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154153	18.343	ug/l	99
25) 2-Butanone	4.69	43	336391	89.654	ug/l	97
26) 2,2-Dichloropropane	4.59	77	111554	17.262	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	97603	17.022	ug/l	97
28) Bromochloromethane	5.02	49	62825	17.062	ug/l	97
29) Tetrahydrofuran	5.15	42	210836	86.465	ug/l	97
30) Chloroform	5.21	83	160460	18.236	ug/l	99
31) Cyclohexane	5.57	56	120600	16.123	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	130521	17.501	ug/l	98
36) 1,1-Dichloropropene	5.80	75	107887	16.951	ug/l	99
37) Ethyl Acetate	4.85	43	123200	18.055	ug/l	99
38) Carbon Tetrachloride	5.78	117	112593	17.582	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135198	16.662	ug/l	98
40) Benzene	6.14	78	339147	17.463	ug/l	100
41) Methacrylonitrile	5.05	41	69870	17.774	ug/l	98
42) 1,2-Dichloroethane	6.20	62	120075	17.892	ug/l	100
43) Isopropyl Acetate	6.46	43	195181	18.134	ug/l	99
44) Trichloroethene	7.21	130	101240	17.396	ug/l	98
45) 1,2-Dichloropropane	7.51	63	88229	18.070	ug/l	99
46) Dibromomethane	7.66	93	62687	18.268	ug/l	98
47) Bromodichloromethane	7.90	83	110489	18.917	ug/l	95
48) Methyl methacrylate	7.77	41	98554	17.830	ug/l	98
49) 1,4-Dioxane	7.74	88	47582	371.556	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	675923	97.716	ug/l	99
52) Toluene	8.78	92	227767	18.247	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	118652	18.320	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	130194	18.203	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	99631	19.941	ug/l	98
56) Ethyl methacrylate	9.18	69	138814	19.031	ug/l	96
57) 1,3-Dichloropropane	9.37	76	155610	19.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	342096	91.220	ug/l	100
59) 2-Hexanone	9.49	43	518030	98.273	ug/l	99
60) Dibromochloromethane	9.58	129	93120	19.194	ug/l	99
61) 1,2-Dibromoethane	9.67	107	103165	18.756	ug/l	99
64) Tetrachloroethene	9.34	164	112424	19.045	ug/l	98
65) Chlorobenzene	10.13	112	272430	18.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93595	18.709	ug/l	99
67) Ethyl Benzene	10.25	91	440894	17.959	ug/l	99
68) m/p-Xylenes	10.36	106	348873	36.069	ug/l	100
69) o-Xylene	10.69	106	171786	18.211	ug/l	98
70) Styrene	10.71	104	279644	18.718	ug/l	99
71) Bromoform	10.85	173	69960	18.881	ug/l	100
73) Isopropylbenzene	11.02	105	467730	18.172	ug/l	99
74) N-amyl acetate	10.90	43	182345	17.596	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	143720	17.588	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	140512m	18.996	ug/l	
77) Bromobenzene	11.26	156	125554	17.703	ug/l	99
78) n-propylbenzene	11.36	91	524487	18.562	ug/l	99
79) 2-Chlorotoluene	11.42	91	306698	18.031	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	379536	17.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36381	17.502	ug/l	91
82) 4-Chlorotoluene	11.51	91	357403	18.148	ug/l	98
83) tert-Butylbenzene	11.77	119	375879	17.517	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	392053	18.128	ug/l	100
85) sec-Butylbenzene	11.94	105	476998	18.613	ug/l	100
86) p-Isopropyltoluene	12.06	119	425400	18.558	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	230549	17.985	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	235274	19.460	ug/l	99
89) n-Butylbenzene	12.38	91	361173	18.483	ug/l	98
90) Hexachloroethane	12.60	117	62446	18.980	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	229800	18.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29330	18.149	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161313	18.586	ug/l	99
94) Hexachlorobutadiene	13.78	225	76197	19.784	ug/l	99
95) Naphthalene	13.83	128	473637	18.009	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160082	18.567	ug/l	98

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

