

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041320\
 Data File : VX015644.D
 Acq On : 13 Apr 2020 16:03
 Operator : JC/SP
 Sample : VX0413WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:11:48 AM

Quant Time: Apr 13 17:57:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1121258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1716679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1574141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	846368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	714066	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
35) Dibromofluoromethane	5.47	113	532612	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.70	98	1989795	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.12	95	797808	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	172115	17.423	ug/l	100
3) Chloromethane	1.31	50	212712	16.909	ug/l	100
4) Vinyl Chloride	1.39	62	218401	18.907	ug/l	96
5) Bromomethane	1.63	94	147816	23.469	ug/l	98
6) Chloroethane	1.72	64	136232	19.016	ug/l	98
7) Trichlorofluoromethane	1.92	101	297538	19.207	ug/l	98
8) Diethyl Ether	2.17	74	124127	18.997	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	190956	18.909	ug/l	97
10) Methyl Iodide	2.49	142	196027	14.397	ug/l	98
11) Tert butyl alcohol	3.01	59	285996	75.556	ug/l	99
12) 1,1-Dichloroethene	2.36	96	192867	18.219	ug/l	98
13) Acrolein	2.27	56	95045	44.080	ug/l	95
14) Allyl chloride	2.71	41	428535	17.325	ug/l	100
15) Acrylonitrile	3.12	53	644153	89.235	ug/l	99
16) Acetone	2.42	43	581893	85.647	ug/l	97
17) Carbon Disulfide	2.55	76	525392	16.270	ug/l	99
18) Methyl Acetate	2.75	43	310379	17.899	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	755126	18.392	ug/l	100
20) Methylene Chloride	2.84	84	220910	17.408	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	210467	17.915	ug/l	99
22) Diisopropyl ether	3.83	45	804732	18.360	ug/l	98
23) Vinyl Acetate	3.79	43	3603719	90.811	ug/l	100
24) 1,1-Dichloroethane	3.67	63	405380	17.566	ug/l	99
25) 2-Butanone	4.64	43	939526	85.987	ug/l	98
26) 2,2-Dichloropropane	4.56	77	342796	18.097	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	245555	18.066	ug/l	97
28) Bromochloromethane	4.99	49	207161	18.802	ug/l	97
29) Tetrahydrofuran	5.09	42	614797	87.525	ug/l	99
30) Chloroform	5.18	83	411181	18.520	ug/l	100
31) Cyclohexane	5.56	56	365487	18.257	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	371020	18.465	ug/l	99
36) 1,1-Dichloropropene	5.78	75	303081	19.161	ug/l	99
37) Ethyl Acetate	4.80	43	373021	18.112	ug/l	100
38) Carbon Tetrachloride	5.76	117	323988	18.911	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	350899	19.241	ug/l	98
40) Benzene	6.12	78	878439	18.959	ug/l	98
41) Methacrylonitrile	5.01	41	212229	18.563	ug/l	97
42) 1,2-Dichloroethane	6.17	62	352426	18.936	ug/l	99
43) Isopropyl Acetate	6.42	43	631410	18.161	ug/l	99
44) Trichloroethene	7.19	130	245185	19.403	ug/l	97
45) 1,2-Dichloropropane	7.50	63	240994	19.013	ug/l	99
46) Dibromomethane	7.64	93	154396	18.570	ug/l	94
47) Bromodichloromethane	7.88	83	328154	18.523	ug/l	94
48) Methyl methacrylate	7.75	41	311597	17.943	ug/l	97
49) 1,4-Dioxane	7.72	88	109328	337.478	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1867603	94.787	ug/l	100
52) Toluene	8.77	92	563256	19.718	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	367649	17.694	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	388873	18.373	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	231294	19.763	ug/l	95
56) Ethyl methacrylate	9.16	69	373668	18.117	ug/l	98
57) 1,3-Dichloropropane	9.36	76	398908	18.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	961047	95.793	ug/l	99
59) 2-Hexanone	9.48	43	1394603	93.752	ug/l	99
60) Dibromochloromethane	9.57	129	268163	19.068	ug/l	99
61) 1,2-Dibromoethane	9.65	107	243222	19.113	ug/l	99
64) Tetrachloroethene	9.32	164	229168	19.291	ug/l	93
65) Chlorobenzene	10.12	112	616933	19.652	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	239240	19.076	ug/l	98
67) Ethyl Benzene	10.24	91	1087190	19.526	ug/l	99
68) m/p-Xylenes	10.34	106	814582	39.289	ug/l	100
69) o-Xylene	10.68	106	394574	19.259	ug/l	98
70) Styrene	10.70	104	678320	18.815	ug/l	99
71) Bromoform	10.84	173	213811	18.727	ug/l #	100
73) Isopropylbenzene	11.01	105	1071511	19.322	ug/l	99
74) N-amyl acetate	10.89	43	536668	17.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	348800	18.330	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	323987m	18.615	ug/l	
77) Bromobenzene	11.24	156	290509	19.639	ug/l	95
78) n-propylbenzene	11.34	91	1191656	18.792	ug/l	99
79) 2-Chlorotoluene	11.40	91	730332	18.791	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	906985	19.150	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	115054	15.861	ug/l	95
82) 4-Chlorotoluene	11.49	91	863258	18.946	ug/l	100
83) tert-Butylbenzene	11.76	119	906700	19.599	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	938648	19.449	ug/l	99
85) sec-Butylbenzene	11.93	105	1051991	19.662	ug/l	99
86) p-Isopropyltoluene	12.05	119	1002481	20.183	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	506491	19.127	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	525362	19.477	ug/l	99
89) n-Butylbenzene	12.37	91	868476	19.349	ug/l	99
90) Hexachloroethane	12.58	117	167847	17.362	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	511989	19.756	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84326	15.701	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	389909	19.021	ug/l	99
94) Hexachlorobutadiene	13.77	225	180278	18.472	ug/l	92
95) Naphthalene	13.82	128	1190908	19.046	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	392786	19.902	ug/l	97

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

