

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020320\
 Data File : VX014789.D
 Acq On : 03 Feb 2020 11:41
 Operator : JC/SP
 Sample : VX0203WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:32:07 PM

Quant Time: Feb 03 13:02:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	402415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	593612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	543902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	274599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	238734	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.48	113	189358	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.71	98	728530	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	254526	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	88865	16.808	ug/l 100
3) Chloromethane	1.32	50	88081	16.180	ug/l 99
4) Vinyl Chloride	1.40	62	101279	17.206	ug/l 97
5) Bromomethane	1.63	94	61501	15.382	ug/l 99
6) Chloroethane	1.72	64	60350	17.007	ug/l 99
7) Trichlorofluoromethane	1.92	101	118679	17.316	ug/l 97
8) Diethyl Ether	2.17	74	53415	17.855	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71834	17.854	ug/l 97
10) Methyl Iodide	2.50	142	87983	16.665	ug/l 99
11) Tert butyl alcohol	3.02	59	90480	85.760	ug/l 99
12) 1,1-Dichloroethene	2.37	96	67760	16.938	ug/l 98
13) Acrolein	2.28	56	65161	78.331	ug/l 99
14) Allyl chloride	2.72	41	122980	17.103	ug/l 97
15) Acrylonitrile	3.12	53	213860	87.608	ug/l 99
16) Acetone	2.43	43	262793	102.125	ug/l 99
17) Carbon Disulfide	2.56	76	170134	15.561	ug/l 100
18) Methyl Acetate	2.76	43	134523	18.298	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	239289	18.262	ug/l 98
20) Methylene Chloride	2.85	84	81857	17.176	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	74188	16.843	ug/l 97
22) Diisopropyl ether	3.84	45	261336	18.268	ug/l 97
23) Vinyl Acetate	3.80	43	959030	87.943	ug/l 100
24) 1,1-Dichloroethane	3.69	63	138026	17.766	ug/l 99
25) 2-Butanone	4.65	43	326487	88.477	ug/l 98
26) 2,2-Dichloropropane	4.57	77	110644	17.793	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	85479	17.340	ug/l 99
28) Bromochloromethane	5.00	49	61476	18.007	ug/l 96
29) Tetrahydrofuran	5.11	42	187674	85.691	ug/l 99
30) Chloroform	5.19	83	138718	18.024	ug/l 99
31) Cyclohexane	5.57	56	119063	16.294	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	115095	17.692	ug/l 98
36) 1,1-Dichloropropene	5.79	75	98409	17.841	ug/l 96
37) Ethyl Acetate	4.81	43	114530	18.129	ug/l 99
38) Carbon Tetrachloride	5.77	117	97986	18.601	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	123512	17.874	ug/l	97
40) Benzene	6.13	78	308766	18.117	ug/l	98
41) Methacrylonitrile	5.03	41	66057	18.166	ug/l	99
42) 1,2-Dichloroethane	6.18	62	112655	19.142	ug/l	100
43) Isopropyl Acetate	6.43	43	187540	18.128	ug/l	98
44) Trichloroethene	7.20	130	85116	17.681	ug/l	93
45) 1,2-Dichloropropane	7.50	63	82731	18.843	ug/l	96
46) Dibromomethane	7.65	93	54748	19.253	ug/l	99
47) Bromodichloromethane	7.89	83	105427	18.903	ug/l	98
48) Methyl methacrylate	7.76	41	91499	18.511	ug/l	99
49) 1,4-Dioxane	7.73	88	37218	355.211	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	595140	91.148	ug/l	100
52) Toluene	8.78	92	193920	18.510	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	113286	18.864	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	126660	19.172	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	82007	19.119	ug/l	98
56) Ethyl methacrylate	9.17	69	121842	17.942	ug/l	99
57) 1,3-Dichloropropane	9.36	76	138914	18.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	209174	96.970	ug/l	100
59) 2-Hexanone	9.48	43	463040	91.389	ug/l	100
60) Dibromochloromethane	9.57	129	83708	18.697	ug/l	99
61) 1,2-Dibromoethane	9.67	107	87486	19.291	ug/l	96
64) Tetrachloroethene	9.33	164	102602	19.057	ug/l	99
65) Chlorobenzene	10.13	112	209914	18.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	77690	18.112	ug/l	98
67) Ethyl Benzene	10.25	91	362100	18.228	ug/l	100
68) m/p-Xylenes	10.36	106	276904	36.795	ug/l	100
69) o-Xylene	10.69	106	133717	18.405	ug/l	98
70) Styrene	10.71	104	232137	19.048	ug/l	99
71) Bromoform	10.85	173	63578	18.638	ug/l #	100
73) Isopropylbenzene	11.01	105	360770	18.685	ug/l	99
74) N-amyl acetate	10.89	43	151903	17.953	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	119805	17.378	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	106228m	16.627	ug/l	
77) Bromobenzene	11.25	156	96634	18.630	ug/l	97
78) n-propylbenzene	11.35	91	405106	18.484	ug/l	100
79) 2-Chlorotoluene	11.42	91	245655	18.525	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	301831	18.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38273	17.048	ug/l	98
82) 4-Chlorotoluene	11.51	91	280536	18.583	ug/l	99
83) tert-Butylbenzene	11.76	119	275960	18.326	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	302129	18.797	ug/l	97
85) sec-Butylbenzene	11.94	105	350337	18.991	ug/l	99
86) p-Isopropyltoluene	12.06	119	320100	18.776	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	169260	18.157	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	168929	18.091	ug/l	99
89) n-Butylbenzene	12.39	91	264723	17.829	ug/l	100
90) Hexachloroethane	12.59	117	55143	17.414	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	169406	18.297	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24849	16.777	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	108561	18.187	ug/l	97
94) Hexachlorobutadiene	13.78	225	57106	18.588	ug/l	97
95) Naphthalene	13.83	128	311250	16.800	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	109961	18.218	ug/l	97

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

