

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017508.D
 Acq On : 23 Jul 2020 22:26
 Operator : JC/SP
 Sample : VX0723WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:56:05 AM

Quant Time: Jul 24 06:55:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	596705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	894913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	803274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	419544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	390181	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.46	113	302321	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.70	98	936471	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
62) 4-Bromofluorobenzene	11.12	95	395457	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	92009	15.926	ug/l	94
3) Chloromethane	1.32	50	125292	17.229	ug/l	97
4) Vinyl Chloride	1.39	62	120437	16.039	ug/l	98
5) Bromomethane	1.63	94	83774	18.860	ug/l	99
6) Chloroethane	1.72	64	71619	16.790	ug/l	100
7) Trichlorofluoromethane	1.92	101	180213	15.259	ug/l	98
8) Diethyl Ether	2.17	74	67325	16.675	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94387	14.563	ug/l	98
10) Methyl Iodide	2.49	142	100315	12.098	ug/l	97
11) Tert butyl alcohol	3.01	59	142671	88.317	ug/l	100
12) 1,1-Dichloroethene	2.36	96	99201	16.095	ug/l	96
13) Acrolein	2.28	56	91568	77.158	ug/l	100
14) Allyl chloride	2.71	41	178489	15.860	ug/l	99
15) Acrylonitrile	3.12	53	285050	81.695	ug/l	99
16) Acetone	2.42	43	302535	89.677	ug/l	99
17) Carbon Disulfide	2.55	76	288950	15.424	ug/l	98
18) Methyl Acetate	2.75	43	132854	16.721	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	342013	16.033	ug/l	99
20) Methylene Chloride	2.84	84	113079	16.948	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	101587	15.386	ug/l	98
22) Diisopropyl ether	3.83	45	379573	18.446	ug/l	99
23) Vinyl Acetate	3.79	43	1729425	94.259	ug/l	99
24) 1,1-Dichloroethane	3.67	63	202365	17.072	ug/l	99
25) 2-Butanone	4.64	43	442097	92.246	ug/l	97
26) 2,2-Dichloropropane	4.56	77	148868	14.030	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	119316	16.637	ug/l	98
28) Bromochloromethane	4.98	49	113706	21.168	ug/l	99
29) Tetrahydrofuran	5.09	42	306365	103.201	ug/l	99
30) Chloroform	5.18	83	221674	18.302	ug/l	98
31) Cyclohexane	5.55	56	149802	15.847	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	196176	17.176	ug/l	99
36) 1,1-Dichloropropene	5.78	75	148126	17.258	ug/l	98
37) Ethyl Acetate	4.80	43	164218	17.487	ug/l	98
38) Carbon Tetrachloride	5.76	117	174625	16.754	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	130044	12.979	ug/l	96
40) Benzene	6.12	78	456238	18.541	ug/l	98
41) Methacrylonitrile	5.01	41	101680	18.889	ug/l	98
42) 1,2-Dichloroethane	6.17	62	190599	18.933	ug/l	97
43) Isopropyl Acetate	6.42	43	295112	19.046	ug/l	99
44) Trichloroethene	7.19	130	128353	17.849	ug/l	98
45) 1,2-Dichloropropane	7.49	63	108017	15.835	ug/l	99
46) Dibromomethane	7.64	93	76445	15.857	ug/l	97
47) Bromodichloromethane	7.87	83	162313	16.733	ug/l	96
48) Methyl methacrylate	7.74	41	124271	16.180	ug/l	95
49) 1,4-Dioxane	7.71	88	56099	380.961	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	806252	87.208	ug/l	99
52) Toluene	8.77	92	244721	15.507	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	170319	15.685	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	175155	15.814	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	110338	16.784	ug/l	95
56) Ethyl methacrylate	9.16	69	163900	16.548	ug/l	99
57) 1,3-Dichloropropane	9.35	76	183828	16.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	435448	83.451	ug/l	99
59) 2-Hexanone	9.48	43	629321	90.412	ug/l	99
60) Dibromochloromethane	9.57	129	137982	16.514	ug/l	97
61) 1,2-Dibromoethane	9.65	107	124397	17.774	ug/l	99
64) Tetrachloroethene	9.32	164	111153	15.417	ug/l	96
65) Chlorobenzene	10.12	112	283832	16.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	122089	17.399	ug/l	99
67) Ethyl Benzene	10.24	91	480848	16.567	ug/l	99
68) m/p-Xylenes	10.34	106	405790	36.090	ug/l	96
69) o-Xylene	10.68	106	175688	16.246	ug/l	100
70) Styrene	10.70	104	306940	16.683	ug/l	100
71) Bromoform	10.84	173	107358	17.659	ug/l #	100
73) Isopropylbenzene	11.00	105	471798	16.392	ug/l	99
74) N-amyl acetate	10.88	43	227217	17.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	164582	18.320	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	178215m	20.650	ug/l	
77) Bromobenzene	11.24	156	138323	17.167	ug/l	98
78) n-propylbenzene	11.34	91	565754	17.429	ug/l	98
79) 2-Chlorotoluene	11.40	91	345972	17.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	414789	16.879	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	53668	15.670	ug/l	94
82) 4-Chlorotoluene	11.49	91	405213	17.083	ug/l	97
83) tert-Butylbenzene	11.76	119	404115	17.186	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	430268	17.604	ug/l	98
85) sec-Butylbenzene	11.93	105	445789	16.275	ug/l	98
86) p-Isopropyltoluene	12.05	119	406527	15.585	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	228372	16.505	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	228201	15.922	ug/l	98
89) n-Butylbenzene	12.37	91	341545	14.694	ug/l	98
90) Hexachloroethane	12.58	117	77625	15.094	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	223381	16.426	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42086	18.288	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	156657	16.879	ug/l	98
94) Hexachlorobutadiene	13.77	225	60201	14.091	ug/l	95
95) Naphthalene	13.82	128	483357	17.446	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	147358	16.080	ug/l	97

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

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