

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017589.D
 Acq On : 25 Jul 2020 12:35
 Operator : JC/SP
 Sample : VX0724WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD03

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:14 AM

Quant Time: Jul 27 03:03:54 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	5.63	168	553280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	847429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	790368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	393612	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	378889	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.47	113	290396	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	1063613	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.12	95	407186	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	111372	21.108	ug/l	96
3) Chloromethane	1.32	50	123571	18.303	ug/l	98
4) Vinyl Chloride	1.39	62	125724	18.058	ug/l	97
5) Bromomethane	1.63	94	87408	21.629	ug/l	100
6) Chloroethane	1.71	64	74174	18.844	ug/l	97
7) Trichlorofluoromethane	1.92	101	202510	18.492	ug/l	100
8) Diethyl Ether	2.17	74	68216	18.352	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109512	18.223	ug/l	98
10) Methyl Iodide	2.49	142	117008	15.219	ug/l	96
11) Tert butyl alcohol	3.02	59	158738	105.975	ug/l	98
12) 1,1-Dichloroethene	2.35	96	108189	18.931	ug/l	97
13) Acrolein	2.28	56	75439	69.019	ug/l	100
14) Allyl chloride	2.71	41	181618	17.405	ug/l	100
15) Acrylonitrile	3.12	53	326373	100.880	ug/l	100
16) Acetone	2.42	43	306875	98.103	ug/l	97
17) Carbon Disulfide	2.55	76	309773	17.834	ug/l	99
18) Methyl Acetate	2.75	43	143980	19.544	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	373898	18.903	ug/l	99
20) Methylene Chloride	2.84	84	123843	20.257	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	114499	18.702	ug/l	97
22) Diisopropyl ether	3.82	45	376610	19.738	ug/l	# 83
23) Vinyl Acetate	3.79	43	1657014	97.401	ug/l	99
24) 1,1-Dichloroethane	3.67	63	214684	19.532	ug/l	98
25) 2-Butanone	4.63	43	479159	107.827	ug/l	98
26) 2,2-Dichloropropane	4.55	77	102174	10.385	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	131789	19.819	ug/l	94
28) Bromochloromethane	4.98	49	95687	19.211	ug/l	99
29) Tetrahydrofuran	5.09	42	300076	109.016	ug/l	99
30) Chloroform	5.18	83	228081	20.309	ug/l	96
31) Cyclohexane	5.55	56	176346	20.120	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	212252	20.042	ug/l	99
36) 1,1-Dichloropropene	5.77	75	162832	20.035	ug/l	100
37) Ethyl Acetate	4.80	43	184494	20.746	ug/l	99
38) Carbon Tetrachloride	5.76	117	192892	19.544	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	178543	18.818	ug/l	99
40) Benzene	6.12	78	461730	19.815	ug/l	97
41) Methacrylonitrile	5.01	41	99619	19.543	ug/l	98
42) 1,2-Dichloroethane	6.17	62	192049	20.146	ug/l	98
43) Isopropyl Acetate	6.42	43	293286	19.989	ug/l	100
44) Trichloroethene	7.19	130	141253	20.743	ug/l	97
45) 1,2-Dichloropropane	7.49	63	126151	19.529	ug/l	99
46) Dibromomethane	7.64	93	87879	19.250	ug/l	99
47) Bromodichloromethane	7.88	83	182630	19.883	ug/l	97
48) Methyl methacrylate	7.75	41	143362	19.711	ug/l	98
49) 1,4-Dioxane	7.71	88	66263	475.198	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	915809	104.609	ug/l	99
52) Toluene	8.77	92	298828	19.997	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	178836	17.393	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	191729	18.281	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	124282	19.964	ug/l	99
56) Ethyl methacrylate	9.16	69	182160	19.423	ug/l	99
57) 1,3-Dichloropropane	9.35	76	201639	19.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	457672	92.625	ug/l	100
59) 2-Hexanone	9.48	43	691573	104.923	ug/l	99
60) Dibromochloromethane	9.57	129	151035	19.089	ug/l	100
61) 1,2-Dibromoethane	9.65	107	133653	20.166	ug/l	100
64) Tetrachloroethene	9.32	164	143228	20.191	ug/l	98
65) Chlorobenzene	10.12	112	325933	19.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134121	19.425	ug/l	99
67) Ethyl Benzene	10.24	91	572209	20.037	ug/l	99
68) m/p-Xylenes	10.34	106	430989	38.958	ug/l	96
69) o-Xylene	10.68	106	208300	19.577	ug/l	98
70) Styrene	10.69	104	352438	19.468	ug/l	99
71) Bromoform	10.84	173	116683	19.506	ug/l #	99
73) Isopropylbenzene	11.00	105	558243	20.674	ug/l	99
74) N-amyl acetate	10.88	43	244592	20.387	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	170504	20.230	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	172288m	21.279	ug/l	
77) Bromobenzene	11.24	156	153795	20.345	ug/l	99
78) n-propylbenzene	11.34	91	626773	20.581	ug/l	100
79) 2-Chlorotoluene	11.40	91	372562	19.748	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	447799	19.423	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	53400	16.618	ug/l	99
82) 4-Chlorotoluene	11.49	91	429566	19.303	ug/l	98
83) tert-Butylbenzene	11.76	119	435720	19.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	481039	20.978	ug/l	100
85) sec-Butylbenzene	11.93	105	505075	19.654	ug/l	100
86) p-Isopropyltoluene	12.05	119	475220	19.418	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	261108	20.114	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	257140	19.124	ug/l	98
89) n-Butylbenzene	12.37	91	426867	19.575	ug/l	98
90) Hexachloroethane	12.58	117	97288	20.164	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	258278	20.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42443	19.466	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	170753	19.610	ug/l	99
94) Hexachlorobutadiene	13.77	225	78058	19.475	ug/l	98
95) Naphthalene	13.82	128	532119	20.471	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	174900	20.343	ug/l	99

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

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