

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070920\
 Data File : VX017315.D
 Acq On : 09 Jul 2020 18:04
 Operator : JC/SP
 Sample : VX0709WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:08 PM

Quant Time: Jul 10 07:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	300582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174652	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.46	113	142048	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.70	98	507601	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	11.12	95	198224	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45466	15.635	ug/l	98
3) Chloromethane	1.32	50	47523	13.501	ug/l	99
4) Vinyl Chloride	1.39	62	48666	14.902	ug/l	97
5) Bromomethane	1.63	94	34574	20.038	ug/l	99
6) Chloroethane	1.71	64	32121	16.653	ug/l	95
7) Trichlorofluoromethane	1.92	101	87993	18.218	ug/l	97
8) Diethyl Ether	2.17	74	30309	18.879	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50466	17.433	ug/l	96
10) Methyl Iodide	2.50	142	45844	12.273	ug/l	100
11) Tert butyl alcohol	3.01	59	61230	86.616	ug/l	98
12) 1,1-Dichloroethene	2.36	96	49100	16.511	ug/l	99
13) Acrolein	2.28	56	26323	62.291	ug/l	98
14) Allyl chloride	2.71	41	85869	15.624	ug/l	98
15) Acrylonitrile	3.12	53	147885	87.022	ug/l	99
16) Acetone	2.42	43	123468	89.068	ug/l	98
17) Carbon Disulfide	2.55	76	125167	15.099	ug/l	100
18) Methyl Acetate	2.75	43	69281	19.145	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	173667	17.400	ug/l	100
20) Methylene Chloride	2.84	84	57468	17.568	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55105	16.697	ug/l	98
22) Diisopropyl ether	3.83	45	176598	17.361	ug/l	93
23) Vinyl Acetate	3.79	43	754730	86.345	ug/l	98
24) 1,1-Dichloroethane	3.67	63	98979	17.101	ug/l	99
25) 2-Butanone	4.64	43	202288	87.578	ug/l	99
26) 2,2-Dichloropropane	4.56	77	89431	17.402	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	62601	16.741	ug/l	99
28) Bromochloromethane	4.98	49	49720	17.653	ug/l	# 99
29) Tetrahydrofuran	5.09	42	131794	86.358	ug/l	98
30) Chloroform	5.18	83	104340	17.586	ug/l	97
31) Cyclohexane	5.55	56	77201	15.431	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	95156	17.415	ug/l	98
36) 1,1-Dichloropropene	5.77	75	71931	16.929	ug/l	96
37) Ethyl Acetate	4.79	43	77952	18.081	ug/l	98
38) Carbon Tetrachloride	5.75	117	87995	18.802	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76829	16.251	ug/l	99
40) Benzene	6.12	78	216696	17.357	ug/l	97
41) Methacrylonitrile	5.01	41	43711	18.015	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84424	18.721	ug/l	100
43) Isopropyl Acetate	6.42	43	125772	17.556	ug/l	98
44) Trichloroethene	7.19	130	64657	18.573	ug/l	100
45) 1,2-Dichloropropane	7.49	63	57484	17.927	ug/l	98
46) Dibromomethane	7.64	93	39955	18.251	ug/l	95
47) Bromodichloromethane	7.88	83	83029	18.404	ug/l	95
48) Methyl methacrylate	7.74	41	62824	18.459	ug/l	98
49) 1,4-Dioxane	7.71	88	25786	334.423	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	407855	95.508	ug/l	100
52) Toluene	8.76	92	140670	18.047	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91403	18.363	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	96949	18.169	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	59597	18.714	ug/l	99
56) Ethyl methacrylate	9.16	69	84515	18.645	ug/l	98
57) 1,3-Dichloropropane	9.35	76	97753	18.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	213387	94.589	ug/l	99
59) 2-Hexanone	9.47	43	304396	97.600	ug/l	98
60) Dibromochloromethane	9.57	129	70647	19.100	ug/l	98
61) 1,2-Dibromoethane	9.65	107	62360	18.217	ug/l	99
64) Tetrachloroethene	9.32	164	64049	18.886	ug/l	99
65) Chlorobenzene	10.12	112	156506	18.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	62692	18.757	ug/l	99
67) Ethyl Benzene	10.24	91	261132	18.030	ug/l	99
68) m/p-Xylenes	10.34	106	201892	36.303	ug/l	96
69) o-Xylene	10.68	106	92887	17.558	ug/l	95
70) Styrene	10.70	104	165810	18.405	ug/l	99
71) Bromoform	10.84	173	53053	20.016	ug/l #	99
73) Isopropylbenzene	11.00	105	265909	17.789	ug/l	99
74) N-amyl acetate	10.88	43	107801	16.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84356	17.940	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	83752m	18.663	ug/l	
77) Bromobenzene	11.24	156	73917	17.992	ug/l	95
78) n-propylbenzene	11.34	91	297788	17.617	ug/l	99
79) 2-Chlorotoluene	11.40	91	178242	17.423	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	226804	18.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	29495	17.020	ug/l	95
82) 4-Chlorotoluene	11.49	91	220081	17.995	ug/l	99
83) tert-Butylbenzene	11.76	119	217306	17.854	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	231454	18.400	ug/l	100
85) sec-Butylbenzene	11.93	105	249776	17.458	ug/l	100
86) p-Isopropyltoluene	12.05	119	240000	18.019	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	133265	17.860	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	136902	19.338	ug/l	99
89) n-Butylbenzene	12.37	91	202755	17.049	ug/l	99
90) Hexachloroethane	12.58	117	46348	17.646	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	127355	18.260	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21003	18.724	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84894	17.833	ug/l	99
94) Hexachlorobutadiene	13.77	225	36485	20.698	ug/l	94
95) Naphthalene	13.82	128	260826	18.022	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	84736	18.393	ug/l	100

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

