

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091120\
 Data File : VX018361.D
 Acq On : 11 Sep 2020 14:59
 Operator : JC/SP
 Sample : VX0911WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:56 PM

Quant Time: Sep 12 07:03:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	431454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	657160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	627024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329484	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	283686	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	5.46	113	224994	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.70	98	772575	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.12	95	303804	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90643	17.255	ug/l	97
3) Chloromethane	1.31	50	85986	15.526	ug/l	97
4) Vinyl Chloride	1.39	62	88072	15.975	ug/l	95
5) Bromomethane	1.64	94	60623	22.798	ug/l	99
6) Chloroethane	1.72	64	52104	17.597	ug/l	99
7) Trichlorofluoromethane	1.92	101	155107	20.633	ug/l	99
8) Diethyl Ether	2.17	74	48662	19.088	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79944	19.671	ug/l	98
10) Methyl Iodide	2.49	142	71670	20.027	ug/l	98
11) Tert butyl alcohol	3.01	59	92340	79.288	ug/l	96
12) 1,1-Dichloroethene	2.36	96	73199	17.361	ug/l	96
13) Acrolein	2.27	56	52730	109.195	ug/l	100
14) Allyl chloride	2.71	41	133155	17.578	ug/l	96
15) Acrylonitrile	3.11	53	225466	85.346	ug/l	99
16) Acetone	2.42	43	215109	92.165	ug/l	96
17) Carbon Disulfide	2.55	76	198306	15.558	ug/l	98
18) Methyl Acetate	2.75	43	114885	20.398	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	266892	18.457	ug/l	99
20) Methylene Chloride	2.83	84	92377	18.624	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	80917	17.322	ug/l	98
22) Diisopropyl ether	3.82	45	272617	18.234	ug/l	95
23) Vinyl Acetate	3.78	43	1158701	87.096	ug/l	97
24) 1,1-Dichloroethane	3.67	63	155278	18.245	ug/l	100
25) 2-Butanone	4.64	43	317916	82.882	ug/l	99
26) 2,2-Dichloropropane	4.54	77	140483	20.287	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	91269	16.957	ug/l	96
28) Bromochloromethane	4.98	49	76731	18.678	ug/l	93
29) Tetrahydrofuran	5.09	42	193164	79.108	ug/l	96
30) Chloroform	5.18	83	166596	18.904	ug/l	96
31) Cyclohexane	5.54	56	122861	17.137	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	155868	19.273	ug/l	99
36) 1,1-Dichloropropene	5.77	75	111392	18.378	ug/l	97
37) Ethyl Acetate	4.79	43	121195	17.216	ug/l	98
38) Carbon Tetrachloride	5.75	117	140402	20.554	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	122460	18.477	ug/l	94
40) Benzene	6.11	78	331719	18.625	ug/l	99
41) Methacrylonitrile	5.00	41	67174	17.378	ug/l	97
42) 1,2-Dichloroethane	6.16	62	140450	20.582	ug/l	97
43) Isopropyl Acetate	6.40	43	202046	17.769	ug/l	100
44) Trichloroethene	7.18	130	97074	19.289	ug/l	94
45) 1,2-Dichloropropane	7.49	63	88295	18.394	ug/l	97
46) Dibromomethane	7.63	93	64577	19.131	ug/l	97
47) Bromodichloromethane	7.87	83	134447	19.948	ug/l #	99
48) Methyl methacrylate	7.74	41	97567	17.237	ug/l	99
49) 1,4-Dioxane	7.71	88	30057	293.145	ug/l #	91
51) 4-Methyl-2-Pentanone	8.62	43	630108	89.711	ug/l	99
52) Toluene	8.76	92	218039	19.306	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	141252	18.909	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	148935	18.821	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	93054	19.319	ug/l	98
56) Ethyl methacrylate	9.16	69	128634	17.965	ug/l	97
57) 1,3-Dichloropropane	9.35	76	146797	18.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	303287	94.157	ug/l	98
59) 2-Hexanone	9.47	43	471938	88.366	ug/l	99
60) Dibromochloromethane	9.57	129	107926	19.101	ug/l	98
61) 1,2-Dibromoethane	9.65	107	98181	18.775	ug/l	98
64) Tetrachloroethene	9.32	164	92667	20.111	ug/l	95
65) Chlorobenzene	10.12	112	233193	18.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	98337	19.923	ug/l	98
67) Ethyl Benzene	10.23	91	406000	19.064	ug/l	98
68) m/p-Xylenes	10.34	106	308000	38.748	ug/l	97
69) o-Xylene	10.68	106	145777	18.918	ug/l	99
70) Styrene	10.70	104	246080	18.752	ug/l	96
71) Bromoform	10.84	173	80565	19.137	ug/l #	97
73) Isopropylbenzene	11.00	105	397758	18.302	ug/l	100
74) N-amyl acetate	10.88	43	170820	16.566	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	134987	17.607	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	129145m	17.620	ug/l	
77) Bromobenzene	11.24	156	108152	18.003	ug/l	98
78) n-propylbenzene	11.34	91	456893	18.515	ug/l	99
79) 2-Chlorotoluene	11.40	91	280317	18.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	352487	19.737	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	45714	16.845	ug/l	93
82) 4-Chlorotoluene	11.49	91	337539	18.623	ug/l	98
83) tert-Butylbenzene	11.76	119	332666	18.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	346447	18.974	ug/l	100
85) sec-Butylbenzene	11.93	105	393420	19.629	ug/l	100
86) p-Isopropyltoluene	12.05	119	365680	19.863	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	194470	18.438	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	203252	19.246	ug/l	98
89) n-Butylbenzene	12.37	91	310956	18.505	ug/l	100
90) Hexachloroethane	12.58	117	73573	20.312	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	188043	18.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32499	16.953	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	120012	18.127	ug/l	99
94) Hexachlorobutadiene	13.77	225	55933	21.419	ug/l	97
95) Naphthalene	13.82	128	394768	18.118	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	121844	18.625	ug/l	98

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

