

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090920\
 Data File : VX018313.D
 Acq On : 09 Sep 2020 11:35
 Operator : JC/SP
 Sample : VX0909WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:03:14 PM

Quant Time: Sep 09 15:18:30 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	430943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	648391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	613955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	331702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	287852	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.46	113	221994	50.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.70	98	781647	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.12	95	296695	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	93633	17.846	ug/l	95
3) Chloromethane	1.31	50	84568	15.288	ug/l	98
4) Vinyl Chloride	1.39	62	90159	16.373	ug/l	100
5) Bromomethane	1.63	94	62781	23.638	ug/l	99
6) Chloroethane	1.72	64	52423	17.725	ug/l	100
7) Trichlorofluoromethane	1.92	101	152416	20.299	ug/l	96
8) Diethyl Ether	2.17	74	45979	18.057	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77858	19.180	ug/l	97
10) Methyl Iodide	2.49	142	72257	20.165	ug/l	98
11) Tert butyl alcohol	3.01	59	92773	79.755	ug/l	100
12) 1,1-Dichloroethene	2.36	96	74846	17.772	ug/l	96
13) Acrolein	2.27	56	60435	125.299	ug/l	98
14) Allyl chloride	2.70	41	129635	17.133	ug/l	96
15) Acrylonitrile	3.11	53	215363	81.618	ug/l	98
16) Acetone	2.42	43	194474	83.423	ug/l	94
17) Carbon Disulfide	2.55	76	200370	15.739	ug/l	100
18) Methyl Acetate	2.75	43	104599	18.594	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	264100	18.286	ug/l	94
20) Methylene Chloride	2.83	84	85909	17.259	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	80391	17.230	ug/l	98
22) Diisopropyl ether	3.82	45	265929	17.808	ug/l	# 83
23) Vinyl Acetate	3.78	43	1140926	85.861	ug/l	100
24) 1,1-Dichloroethane	3.67	63	150037	17.650	ug/l	98
25) 2-Butanone	4.63	43	305081	79.631	ug/l	96
26) 2,2-Dichloropropane	4.54	77	140462	20.308	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	90931	16.915	ug/l	99
28) Bromochloromethane	4.98	49	74286	18.104	ug/l	98
29) Tetrahydrofuran	5.09	42	190985	78.309	ug/l	98
30) Chloroform	5.17	83	162859	18.502	ug/l	99
31) Cyclohexane	5.54	56	119685	16.714	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	152435	18.871	ug/l	100
36) 1,1-Dichloropropene	5.76	75	108592	18.158	ug/l	97
37) Ethyl Acetate	4.79	43	118535	17.065	ug/l	100
38) Carbon Tetrachloride	5.75	117	138793	20.593	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	124461	19.032	ug/l	96
40) Benzene	6.10	78	322363	18.344	ug/l	98
41) Methacrylonitrile	5.00	41	64342	16.871	ug/l	95
42) 1,2-Dichloroethane	6.16	62	135317	20.098	ug/l	97
43) Isopropyl Acetate	6.41	43	192965	17.200	ug/l	99
44) Trichloroethene	7.18	130	93865	18.904	ug/l	99
45) 1,2-Dichloropropane	7.49	63	86944	18.357	ug/l	100
46) Dibromomethane	7.63	93	60237	18.086	ug/l	97
47) Bromodichloromethane	7.87	83	130410	19.610	ug/l	97
48) Methyl methacrylate	7.74	41	93145	16.678	ug/l	96
49) 1,4-Dioxane	7.71	88	32953	325.736	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	600975	86.721	ug/l	99
52) Toluene	8.76	92	206623	18.543	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	137261	18.623	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	145077	18.582	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	87901	18.496	ug/l	97
56) Ethyl methacrylate	9.16	69	120206	17.015	ug/l	97
57) 1,3-Dichloropropane	9.35	76	142584	18.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	292902	92.162	ug/l	100
59) 2-Hexanone	9.47	43	449412	85.286	ug/l	99
60) Dibromochloromethane	9.56	129	105742	18.967	ug/l	99
61) 1,2-Dibromoethane	9.65	107	94666	18.348	ug/l	99
64) Tetrachloroethene	9.32	164	89887	19.923	ug/l	95
65) Chlorobenzene	10.12	112	226320	18.457	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	93938	19.437	ug/l	99
67) Ethyl Benzene	10.24	91	390088	18.707	ug/l	99
68) m/p-Xylenes	10.34	106	294510	37.839	ug/l	98
69) o-Xylene	10.68	106	139528	18.493	ug/l	97
70) Styrene	10.70	104	240075	18.684	ug/l	98
71) Bromoform	10.84	173	78822	19.121	ug/l #	96
73) Isopropylbenzene	11.00	105	386588	17.669	ug/l	99
74) N-amyl acetate	10.88	43	164805	15.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	126561	16.398	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	123890m	16.790	ug/l	
77) Bromobenzene	11.24	156	104939	17.351	ug/l	96
78) n-propylbenzene	11.34	91	442278	17.803	ug/l	99
79) 2-Chlorotoluene	11.40	91	271016	17.657	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	333735	18.562	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	44104	16.143	ug/l	95
82) 4-Chlorotoluene	11.49	91	325930	17.863	ug/l	100
83) tert-Butylbenzene	11.76	119	323975	18.259	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	342251	18.619	ug/l	100
85) sec-Butylbenzene	11.93	105	376811	18.675	ug/l	100
86) p-Isopropyltoluene	12.05	119	349420	18.852	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	189953	17.889	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	193855	18.233	ug/l	98
89) n-Butylbenzene	12.37	91	303292	17.928	ug/l	99
90) Hexachloroethane	12.58	117	69931	19.177	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	180364	18.045	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31059	16.094	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	113874	17.085	ug/l	99
94) Hexachlorobutadiene	13.76	225	52021	19.788	ug/l	93
95) Naphthalene	13.82	128	363653	16.578	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	120084	18.234	ug/l	98

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

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