

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013120\
 Data File : VX014779.D
 Acq On : 31 Jan 2020 13:08
 Operator : JC/SP
 Sample : VX0131WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:35:56 PM

Quant Time: Jan 31 15:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	671579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	609059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	253399	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	5.48	113	210119	49.58	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	807388	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	283633	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108544	17.976	ug/l	99
3) Chloromethane	1.32	50	107084	17.259	ug/l	98
4) Vinyl Chloride	1.40	62	121993	18.185	ug/l	99
5) Bromomethane	1.63	94	71868	15.772	ug/l	98
6) Chloroethane	1.72	64	70408	17.443	ug/l	98
7) Trichlorofluoromethane	1.92	101	142690	18.267	ug/l	100
8) Diethyl Ether	2.18	74	61223	17.957	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87678	19.121	ug/l	99
10) Methyl Iodide	2.50	142	107831	17.921	ug/l	99
11) Tert butyl alcohol	3.02	59	92795	77.174	ug/l	96
12) 1,1-Dichloroethene	2.37	96	80835	17.730	ug/l	95
13) Acrolein	2.28	56	58276	61.468	ug/l	96
14) Allyl chloride	2.72	41	147155	17.957	ug/l	98
15) Acrylonitrile	3.12	53	237782	85.468	ug/l	100
16) Acetone	2.43	43	255586	87.172	ug/l	99
17) Carbon Disulfide	2.56	76	205744	16.511	ug/l	100
18) Methyl Acetate	2.76	43	145983	17.423	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	272400	18.241	ug/l	98
20) Methylene Chloride	2.85	84	96065	17.687	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	87562	17.443	ug/l	96
22) Diisopropyl ether	3.84	45	304295	18.664	ug/l	93
23) Vinyl Acetate	3.80	43	1149224	92.467	ug/l	99
24) 1,1-Dichloroethane	3.69	63	162159	18.314	ug/l	98
25) 2-Butanone	4.65	43	347303	82.582	ug/l	99
26) 2,2-Dichloropropane	4.57	77	135427	19.109	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	100873	17.954	ug/l	98
28) Bromochloromethane	5.00	49	64458	16.566	ug/l	99
29) Tetrahydrofuran	5.11	42	207206	83.013	ug/l	98
30) Chloroform	5.20	83	159650	18.202	ug/l	94
31) Cyclohexane	5.57	56	148402	17.820	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	137299	18.519	ug/l	97
36) 1,1-Dichloropropene	5.79	75	119868	19.209	ug/l	100
37) Ethyl Acetate	4.81	43	128351	17.958	ug/l	99
38) Carbon Tetrachloride	5.77	117	115652	19.406	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	150105	19.201	ug/l	98
40) Benzene	6.13	78	361457	18.747	ug/l	99
41) Methacrylonitrile	5.02	41	70484	17.118	ug/l	96
42) 1,2-Dichloroethane	6.18	62	129954	19.518	ug/l	98
43) Isopropyl Acetate	6.43	43	209415	17.893	ug/l	100
44) Trichloroethene	7.20	130	100074	18.375	ug/l	90
45) 1,2-Dichloropropane	7.50	63	96363	19.400	ug/l	99
46) Dibromomethane	7.65	93	61013	18.965	ug/l	96
47) Bromodichloromethane	7.89	83	121713	19.290	ug/l	98
48) Methyl methacrylate	7.76	41	101586	18.166	ug/l	96
49) 1,4-Dioxane	7.73	88	41673	351.556	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	660528	89.418	ug/l	100
52) Toluene	8.78	92	227967	19.234	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	131555	19.363	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148665	19.890	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95988	19.781	ug/l	97
56) Ethyl methacrylate	9.17	69	139982	18.193	ug/l	100
57) 1,3-Dichloropropane	9.36	76	157143	18.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	239139	97.991	ug/l	100
59) 2-Hexanone	9.48	43	501590	87.505	ug/l	99
60) Dibromochloromethane	9.57	129	97891	19.327	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96483	18.805	ug/l	99
64) Tetrachloroethene	9.33	164	107652	17.856	ug/l	97
65) Chlorobenzene	10.14	112	245509	18.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	92246	19.205	ug/l	99
67) Ethyl Benzene	10.25	91	431093	19.380	ug/l	100
68) m/p-Xylenes	10.36	106	331527	39.340	ug/l	98
69) o-Xylene	10.70	106	155601	19.126	ug/l	100
70) Styrene	10.71	104	271276	19.878	ug/l	99
71) Bromoform	10.85	173	71314	18.670	ug/l #	99
73) Isopropylbenzene	11.01	105	430587	19.810	ug/l	100
74) N-amyl acetate	10.89	43	174736	18.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137770	17.752	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	116637m	16.217	ug/l	
77) Bromobenzene	11.25	156	112065	19.191	ug/l	97
78) n-propylbenzene	11.35	91	484023	19.618	ug/l	99
79) 2-Chlorotoluene	11.42	91	286842	19.215	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	358829	19.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42496	16.815	ug/l	94
82) 4-Chlorotoluene	11.51	91	335572	19.745	ug/l	99
83) tert-Butylbenzene	11.76	119	337953	19.936	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	358037	19.787	ug/l	99
85) sec-Butylbenzene	11.94	105	412249	19.851	ug/l	99
86) p-Isopropyltoluene	12.06	119	379985	19.799	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	201322	19.184	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	199462	18.975	ug/l	99
89) n-Butylbenzene	12.38	91	323920	19.379	ug/l	99
90) Hexachloroethane	12.59	117	66859	18.755	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	197734	18.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28747	17.241	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131356	19.548	ug/l	99
94) Hexachlorobutadiene	13.78	225	68813	19.896	ug/l	98
95) Naphthalene	13.83	128	368814	17.634	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133950	19.714	ug/l	99

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

