

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017694.D
 Acq On : 31 Jul 2020 12:27
 Operator : JC/SP
 Sample : VX0731WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:27 PM

Quant Time: Aug 01 03:22:41 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	5.64	168	533280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	803380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	759830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	355993	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	5.46	113	272667	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.70	98	971920	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.12	95	385593	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	91908	17.923	ug/l	99
3) Chloromethane	1.32	50	108366	16.686	ug/l	98
4) Vinyl Chloride	1.39	62	109657	16.341	ug/l	98
5) Bromomethane	1.63	94	80563	20.541	ug/l	100
6) Chloroethane	1.72	64	67365	17.712	ug/l	99
7) Trichlorofluoromethane	1.92	101	190760	18.073	ug/l	94
8) Diethyl Ether	2.17	74	66262	18.505	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102438	17.685	ug/l	98
10) Methyl Iodide	2.50	142	116244	15.687	ug/l	97
11) Tert butyl alcohol	3.01	59	126339	87.508	ug/l	99
12) 1,1-Dichloroethene	2.36	96	94736	17.199	ug/l	96
13) Acrolein	2.27	56	90722	85.087	ug/l	97
14) Allyl chloride	2.71	41	184774	18.371	ug/l	97
15) Acrylonitrile	3.11	53	295359	94.718	ug/l	99
16) Acetone	2.42	43	266222	88.299	ug/l	100
17) Carbon Disulfide	2.55	76	259198	15.482	ug/l	99
18) Methyl Acetate	2.75	43	146155	20.583	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	356395	18.694	ug/l	98
20) Methylene Chloride	2.83	84	116720	19.779	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	106947	18.124	ug/l	98
22) Diisopropyl ether	3.82	45	357630	19.447	ug/l	91
23) Vinyl Acetate	3.78	43	1565975	95.502	ug/l	99
24) 1,1-Dichloroethane	3.67	63	200274	18.905	ug/l	100
25) 2-Butanone	4.63	43	411465	96.066	ug/l	99
26) 2,2-Dichloropropane	4.55	77	181347	19.123	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	120590	18.815	ug/l	98
28) Bromochloromethane	4.98	49	90257	18.801	ug/l	98
29) Tetrahydrofuran	5.09	42	257621	97.102	ug/l	99
30) Chloroform	5.18	83	215626	19.920	ug/l	99
31) Cyclohexane	5.55	56	159628	18.895	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	195788	19.181	ug/l	100
36) 1,1-Dichloropropene	5.77	75	149324	19.380	ug/l	97
37) Ethyl Acetate	4.79	43	160987	19.096	ug/l	99
38) Carbon Tetrachloride	5.75	117	180001	19.237	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	165560	18.406	ug/l	97
40) Benzene	6.11	78	429244	19.431	ug/l	98
41) Methacrylonitrile	5.00	41	89519	18.525	ug/l	97
42) 1,2-Dichloroethane	6.16	62	182159	20.156	ug/l	100
43) Isopropyl Acetate	6.41	43	267473	19.229	ug/l	99
44) Trichloroethene	7.18	130	128334	19.879	ug/l	99
45) 1,2-Dichloropropane	7.49	63	119777	19.559	ug/l	94
46) Dibromomethane	7.63	93	82041	18.957	ug/l	99
47) Bromodichloromethane	7.87	83	173555	19.931	ug/l	98
48) Methyl methacrylate	7.74	41	127374	18.473	ug/l	97
49) 1,4-Dioxane	7.71	88	52295	395.591	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	832331	100.286	ug/l	99
52) Toluene	8.76	92	272355	19.225	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	188013	19.288	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	195237	19.636	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	119350	20.223	ug/l	98
56) Ethyl methacrylate	9.16	69	173590	19.524	ug/l	99
57) 1,3-Dichloropropane	9.35	76	192169	19.775	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	419246	89.500	ug/l	100
59) 2-Hexanone	9.47	43	614016	98.264	ug/l	98
60) Dibromochloromethane	9.57	129	145347	19.377	ug/l	99
61) 1,2-Dibromoethane	9.65	107	128261	20.414	ug/l	98
64) Tetrachloroethene	9.32	164	134466	19.717	ug/l	98
65) Chlorobenzene	10.12	112	314419	19.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	130380	19.642	ug/l	99
67) Ethyl Benzene	10.23	91	527811	19.225	ug/l	97
68) m/p-Xylenes	10.34	106	407917	38.354	ug/l	97
69) o-Xylene	10.68	106	190529	18.626	ug/l	98
70) Styrene	10.70	104	337950	19.418	ug/l	98
71) Bromoform	10.84	173	110808	19.268	ug/l	98
73) Isopropylbenzene	11.00	105	529845	18.798	ug/l	98
74) N-amyl acetate	10.88	43	227590	18.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	168829	19.190	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	165326m	19.562	ug/l	
77) Bromobenzene	11.24	156	148481	18.817	ug/l	98
78) n-propylbenzene	11.34	91	617625	19.429	ug/l	99
79) 2-Chlorotoluene	11.40	91	380008	19.297	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	468137	19.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	59280	17.674	ug/l	96
82) 4-Chlorotoluene	11.49	91	447747	19.275	ug/l	99
83) tert-Butylbenzene	11.76	119	440207	19.117	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	473059	19.764	ug/l	99
85) sec-Butylbenzene	11.93	105	522088	19.463	ug/l	99
86) p-Isopropyltoluene	12.05	119	494830	19.371	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	264315	19.506	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	262653	18.713	ug/l	98
89) n-Butylbenzene	12.37	91	435775	19.144	ug/l	99
90) Hexachloroethane	12.58	117	94382	18.740	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	253653	19.046	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42256	18.685	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	174133	19.158	ug/l	100
94) Hexachlorobutadiene	13.77	225	80331	19.200	ug/l	99
95) Naphthalene	13.82	128	527062	19.425	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	174799	19.477	ug/l	99

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

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