

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070120\
 Data File : VX017117.D
 Acq On : 01 Jul 2020 23:13
 Operator : JC/SP
 Sample : VX0701WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:38 AM

Quant Time: Jul 02 03:58:47 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	5.64	168	246088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	390485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147055	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.46	113	121512	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.70	98	446178	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.12	95	172575	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	43662	18.340	ug/l	99
3) Chloromethane	1.31	50	46333	16.078	ug/l	100
4) Vinyl Chloride	1.39	62	46477	17.383	ug/l	96
5) Bromomethane	1.63	94	31560	22.342	ug/l	96
6) Chloroethane	1.72	64	28379	17.971	ug/l	98
7) Trichlorofluoromethane	1.92	101	76246	19.282	ug/l	97
8) Diethyl Ether	2.17	74	25928	19.710	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	43652	18.418	ug/l	97
10) Methyl Iodide	2.49	142	52973	17.322	ug/l	98
11) Tert butyl alcohol	3.01	59	53103	91.754	ug/l	96
12) 1,1-Dichloroethene	2.36	96	44353	18.217	ug/l	99
13) Acrolein	2.27	56	17797	51.441	ug/l	100
14) Allyl chloride	2.71	41	76712	17.049	ug/l	98
15) Acrylonitrile	3.12	53	128297	92.214	ug/l	98
16) Acetone	2.42	43	107837	95.018	ug/l	97
17) Carbon Disulfide	2.55	76	124592	18.353	ug/l	96
18) Methyl Acetate	2.75	43	58758	19.833	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	154682	18.930	ug/l	98
20) Methylene Chloride	2.84	84	53016	19.897	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	50134	18.555	ug/l	94
22) Diisopropyl ether	3.82	45	159177	19.114	ug/l	98
23) Vinyl Acetate	3.79	43	674930	94.314	ug/l	100
24) 1,1-Dichloroethane	3.67	63	89425	18.872	ug/l	98
25) 2-Butanone	4.64	43	177630	93.932	ug/l	98
26) 2,2-Dichloropropane	4.56	77	66244	15.745	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	55791	18.224	ug/l	99
28) Bromochloromethane	4.98	49	39459	17.113	ug/l	98
29) Tetrahydrofuran	5.09	42	116637	93.350	ug/l	100
30) Chloroform	5.18	83	92335	19.009	ug/l	96
31) Cyclohexane	5.56	56	75239	18.370	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	84325	18.850	ug/l	99
36) 1,1-Dichloropropene	5.77	75	67540	18.301	ug/l	99
37) Ethyl Acetate	4.80	43	68334	18.249	ug/l	98
38) Carbon Tetrachloride	5.76	117	76439	18.805	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	71572	17.430	ug/l	98
40) Benzene	6.12	78	201549	18.587	ug/l	98
41) Methacrylonitrile	5.00	41	39975	18.968	ug/l	97
42) 1,2-Dichloroethane	6.16	62	74733	19.080	ug/l	98
43) Isopropyl Acetate	6.42	43	114052	18.330	ug/l	100
44) Trichloroethene	7.19	130	58182	19.254	ug/l	98
45) 1,2-Dichloropropane	7.49	63	51218	18.390	ug/l	95
46) Dibromomethane	7.64	93	35571	18.708	ug/l	96
47) Bromodichloromethane	7.88	83	72725	18.559	ug/l	97
48) Methyl methacrylate	7.74	41	55383	18.735	ug/l	97
49) 1,4-Dioxane	7.71	88	23410	349.556	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	355131	95.747	ug/l	100
52) Toluene	8.76	92	128694	19.009	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	76780	17.759	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	84090	18.144	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	53316	19.275	ug/l	95
56) Ethyl methacrylate	9.16	69	72817	18.496	ug/l	97
57) 1,3-Dichloropropane	9.35	76	86799	18.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	182958	93.374	ug/l	100
59) 2-Hexanone	9.47	43	266295	98.305	ug/l	98
60) Dibromochloromethane	9.56	129	60883	18.951	ug/l	99
61) 1,2-Dibromoethane	9.65	107	55624	18.708	ug/l	100
64) Tetrachloroethene	9.32	164	54567	18.163	ug/l	96
65) Chlorobenzene	10.12	112	140164	18.244	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	54998	18.575	ug/l	100
67) Ethyl Benzene	10.23	91	237580	18.517	ug/l	100
68) m/p-Xylenes	10.34	106	183395	37.226	ug/l	98
69) o-Xylene	10.68	106	86829	18.527	ug/l	99
70) Styrene	10.70	104	153606	19.247	ug/l	99
71) Bromoform	10.84	173	46557	19.829	ug/l #	99
73) Isopropylbenzene	11.00	105	238891	18.997	ug/l	99
74) N-amyl acetate	10.88	43	97342	18.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74772	18.903	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	72162m	19.115	ug/l	
77) Bromobenzene	11.24	156	65379	18.917	ug/l	98
78) n-propylbenzene	11.34	91	261496	18.389	ug/l	100
79) 2-Chlorotoluene	11.40	91	159591	18.544	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	193649	18.565	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	24426	16.755	ug/l	93
82) 4-Chlorotoluene	11.49	91	192518	18.712	ug/l	99
83) tert-Butylbenzene	11.76	119	190872	18.641	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	205598	19.429	ug/l	99
85) sec-Butylbenzene	11.93	105	222344	18.473	ug/l	100
86) p-Isopropyltoluene	12.05	119	209146	18.666	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	111640	17.786	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115952	19.471	ug/l	100
89) n-Butylbenzene	12.37	91	173199	17.312	ug/l	100
90) Hexachloroethane	12.58	117	39755	17.992	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	110705	18.868	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17387	18.426	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74730	18.661	ug/l	99
94) Hexachlorobutadiene	13.76	225	27762	18.802	ug/l	98
95) Naphthalene	13.82	128	236090	19.391	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	74477	19.217	ug/l	99

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

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