

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071720\
 Data File : VX017414.D
 Acq On : 17 Jul 2020 13:09
 Operator : JC/SP
 Sample : VX0717WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:50:16 AM

Quant Time: Jul 18 07:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	462327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	207365	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	5.47	113	165728	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	8.70	98	593238	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.12	95	227576	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	55056	22.005	ug/l	98
3) Chloromethane	1.32	50	62788	22.291	ug/l	99
4) Vinyl Chloride	1.39	62	61105	21.929	ug/l	97
5) Bromomethane	1.63	94	43127	23.775	ug/l	100
6) Chloroethane	1.71	64	39822	22.641	ug/l	99
7) Trichlorofluoromethane	1.92	101	98707	20.988	ug/l	96
8) Diethyl Ether	2.17	74	37855	22.770	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58174	21.714	ug/l	98
10) Methyl Iodide	2.50	142	69550	21.031	ug/l	98
11) Tert butyl alcohol	3.01	59	74667	119.423	ug/l	98
12) 1,1-Dichloroethene	2.36	96	54169	20.132	ug/l	95
13) Acrolein	2.28	56	12086	35.263	ug/l	95
14) Allyl chloride	2.71	41	109385	23.461	ug/l	95
15) Acrylonitrile	3.12	53	188181	124.158	ug/l	99
16) Acetone	2.42	43	159056	120.141	ug/l	98
17) Carbon Disulfide	2.55	76	168849	21.511	ug/l	99
18) Methyl Acetate	2.75	43	83217	25.449	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	210926	23.086	ug/l	99
20) Methylene Chloride	2.84	84	77943	24.130	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	66532	21.611	ug/l	98
22) Diisopropyl ether	3.82	45	222967	25.106	ug/l	97
23) Vinyl Acetate	3.79	43	976826	125.063	ug/l	99
24) 1,1-Dichloroethane	3.67	63	120820	23.148	ug/l	98
25) 2-Butanone	4.64	43	258072	122.730	ug/l	99
26) 2,2-Dichloropropane	4.56	77	102029	21.004	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	73759	21.848	ug/l	98
28) Bromochloromethane	4.98	49	62503	25.922	ug/l	94
29) Tetrahydrofuran	5.09	42	167082	122.750	ug/l	97
30) Chloroform	5.18	83	129069	22.984	ug/l	98
31) Cyclohexane	5.54	56	93121	21.794	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	111952	21.565	ug/l	99
36) 1,1-Dichloropropene	5.77	75	87387	20.549	ug/l	100
37) Ethyl Acetate	4.79	43	101393	23.055	ug/l	99
38) Carbon Tetrachloride	5.75	117	98966	19.877	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	87611	18.971	ug/l	93
40) Benzene	6.12	78	267109	21.856	ug/l	99
41) Methacrylonitrile	5.00	41	53309	22.579	ug/l	98
42) 1,2-Dichloroethane	6.17	62	104751	22.061	ug/l	100
43) Isopropyl Acetate	6.42	43	156541	22.276	ug/l	100
44) Trichloroethene	7.19	130	75542	20.236	ug/l	97
45) 1,2-Dichloropropane	7.49	63	72010	23.027	ug/l	98
46) Dibromomethane	7.64	93	50859	22.551	ug/l	93
47) Bromodichloromethane	7.87	83	103212	21.890	ug/l	99
48) Methyl methacrylate	7.75	41	78583	23.303	ug/l	96
49) 1,4-Dioxane	7.71	88	31489	456.291	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	517109	120.681	ug/l	98
52) Toluene	8.76	92	166960	21.289	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	107426	21.148	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	118703	21.910	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	72720	22.236	ug/l	95
56) Ethyl methacrylate	9.16	69	99975	21.532	ug/l	99
57) 1,3-Dichloropropane	9.35	76	120928	22.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	273980	116.216	ug/l	97
59) 2-Hexanone	9.47	43	383064	118.446	ug/l	96
60) Dibromochloromethane	9.57	129	83405	20.876	ug/l	100
61) 1,2-Dibromoethane	9.65	107	77624	21.819	ug/l	99
64) Tetrachloroethene	9.32	164	71336	18.165	ug/l	95
65) Chlorobenzene	10.12	112	185818	20.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	72714	19.807	ug/l	98
67) Ethyl Benzene	10.23	91	302506	19.707	ug/l	95
68) m/p-Xylenes	10.34	106	237072	40.591	ug/l	99
69) o-Xylene	10.68	106	110929	19.877	ug/l	99
70) Styrene	10.70	104	198790	20.751	ug/l	99
71) Bromoform	10.84	173	61869	19.972	ug/l	99
73) Isopropylbenzene	11.00	105	302361	19.641	ug/l	100
74) N-amyl acetate	10.88	43	132181	21.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	107444	22.987	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	101194m	22.300	ug/l	
77) Bromobenzene	11.24	156	83640	19.076	ug/l	93
78) n-propylbenzene	11.34	91	345206	19.967	ug/l	100
79) 2-Chlorotoluene	11.40	91	216480	20.319	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	258827	19.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	35458	19.822	ug/l	95
82) 4-Chlorotoluene	11.49	91	256781	20.336	ug/l	98
83) tert-Butylbenzene	11.76	119	242187	19.172	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	263499	19.959	ug/l	99
85) sec-Butylbenzene	11.93	105	285780	19.324	ug/l	99
86) p-Isopropyltoluene	12.05	119	268054	19.156	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	149449	19.054	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	151770	19.152	ug/l	96
89) n-Butylbenzene	12.37	91	231281	19.380	ug/l	98
90) Hexachloroethane	12.58	117	53476	20.129	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	146446	19.868	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23986	19.448	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	91267	17.838	ug/l	97
94) Hexachlorobutadiene	13.77	225	37690	18.063	ug/l	97
95) Naphthalene	13.82	128	293840	19.532	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	92465	18.708	ug/l	98

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

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