

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017563.D
 Acq On : 25 Jul 2020 02:19
 Operator : JC/SP
 Sample : VX0724WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:04 AM

Quant Time: Jul 25 04:34:59 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	5.63	168	686512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1127358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	965128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	501934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	422702	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	5.46	113	333338	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
50) Toluene-d8	8.70	98	1178082	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.62%	
62) 4-Bromofluorobenzene	11.12	95	407460	37.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.86%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	110676	16.698	ug/l	100
3) Chloromethane	1.31	50	147278	17.595	ug/l	99
4) Vinyl Chloride	1.39	62	143314	16.589	ug/l	99
5) Bromomethane	1.63	94	99936	19.675	ug/l	98
6) Chloroethane	1.71	64	87581	17.895	ug/l	98
7) Trichlorofluoromethane	1.92	101	198260	14.591	ug/l	96
8) Diethyl Ether	2.17	74	80626	17.414	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99214	13.305	ug/l	96
10) Methyl Iodide	2.49	142	136544	14.313	ug/l	99
11) Tert butyl alcohol	3.01	59	173134	93.154	ug/l	98
12) 1,1-Dichloroethene	2.36	96	108402	15.287	ug/l	88
13) Acrolein	2.28	56	96132	70.770	ug/l	100
14) Allyl chloride	2.71	41	217145	16.771	ug/l	96
15) Acrylonitrile	3.12	53	365597	91.073	ug/l	99
16) Acetone	2.42	43	344892	88.859	ug/l	97
17) Carbon Disulfide	2.55	76	316962	14.706	ug/l	99
18) Methyl Acetate	2.75	43	171411	18.752	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	426982	17.397	ug/l	97
20) Methylene Chloride	2.84	84	138369	18.110	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	123081	16.203	ug/l	97
22) Diisopropyl ether	3.82	45	427426	18.054	ug/l	# 86
23) Vinyl Acetate	3.79	43	1937519	91.787	ug/l	100
24) 1,1-Dichloroethane	3.67	63	246579	18.080	ug/l	99
25) 2-Butanone	4.64	43	552039	100.118	ug/l	97
26) 2,2-Dichloropropane	4.54	77	150868	12.358	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	146990	17.815	ug/l	96
28) Bromochloromethane	4.98	49	125081	20.239	ug/l	97
29) Tetrahydrofuran	5.09	42	369341	108.139	ug/l	97
30) Chloroform	5.18	83	256176	18.384	ug/l	97
31) Cyclohexane	5.55	56	176645	16.242	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	219979	16.741	ug/l	100
36) 1,1-Dichloropropene	5.77	75	168024	15.540	ug/l	99
37) Ethyl Acetate	4.79	43	221942	18.760	ug/l	100
38) Carbon Tetrachloride	5.76	117	193731	14.755	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169220	13.407	ug/l	99
40) Benzene	6.12	78	516332	16.657	ug/l	99
41) Methacrylonitrile	5.01	41	120937	17.834	ug/l	98
42) 1,2-Dichloroethane	6.16	62	211399	16.670	ug/l	98
43) Isopropyl Acetate	6.42	43	336041	17.216	ug/l	99
44) Trichloroethene	7.19	130	143240	15.812	ug/l	99
45) 1,2-Dichloropropane	7.49	63	143045	16.646	ug/l	98
46) Dibromomethane	7.64	93	99424	16.371	ug/l	100
47) Bromodichloromethane	7.88	83	209510	17.145	ug/l	97
48) Methyl methacrylate	7.74	41	170217	17.592	ug/l	98
49) 1,4-Dioxane	7.72	88	70992	382.696	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1144863	98.301	ug/l	99
52) Toluene	8.76	92	332170	16.709	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	216737	15.845	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	235391	16.871	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	144807	17.486	ug/l	98
56) Ethyl methacrylate	9.16	69	215651	17.284	ug/l	100
57) 1,3-Dichloropropane	9.35	76	239646	17.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	585560	89.081	ug/l	99
59) 2-Hexanone	9.47	43	811293	92.523	ug/l	99
60) Dibromochloromethane	9.57	129	170417	16.190	ug/l	96
61) 1,2-Dibromoethane	9.65	107	153344	17.392	ug/l	99
64) Tetrachloroethene	9.32	164	141302	16.312	ug/l	97
65) Chlorobenzene	10.12	112	367185	17.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	147362	17.478	ug/l	99
67) Ethyl Benzene	10.23	91	595470	17.076	ug/l	96
68) m/p-Xylenes	10.34	106	453412	33.563	ug/l	99
69) o-Xylene	10.68	106	211556	16.283	ug/l	99
70) Styrene	10.70	104	365997	16.556	ug/l	98
71) Bromoform	10.84	173	121403	16.620	ug/l #	97
73) Isopropylbenzene	11.01	105	536160	15.571	ug/l	99
74) N-amyl acetate	10.88	43	286005	18.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	214313	19.940	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	212977m	20.627	ug/l	
77) Bromobenzene	11.24	156	164216	17.035	ug/l	97
78) n-propylbenzene	11.34	91	618757	15.933	ug/l	98
79) 2-Chlorotoluene	11.40	91	372305	15.476	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	470731	16.011	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	64312	15.695	ug/l	96
82) 4-Chlorotoluene	11.49	91	456872	16.099	ug/l	100
83) tert-Butylbenzene	11.76	119	457523	16.264	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	485228	16.594	ug/l	98
85) sec-Butylbenzene	11.93	105	519400	15.849	ug/l	99
86) p-Isopropyltoluene	12.05	119	478382	15.329	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	275513	16.643	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	299697	17.478	ug/l	99
89) n-Butylbenzene	12.37	91	438003	15.751	ug/l	99
90) Hexachloroethane	12.58	117	90903	14.775	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	280262	17.226	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50420	18.310	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	196136	17.664	ug/l	99
94) Hexachlorobutadiene	13.76	225	79666	15.586	ug/l	99
95) Naphthalene	13.82	128	644204	19.435	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	190927	17.414	ug/l	98

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

