

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071819\
 Data File : VX010974.D
 Acq On : 18 Jul 2019 21:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 12:23:48 PM

Quant Time: Jul 19 04:57:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	128647	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	5.50	113	112763	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	8.71	98	421340	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	162577	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	124373	50.944	ug/l	100
3) Chloromethane	1.32	50	107364	51.004	ug/l	98
4) Vinyl Chloride	1.41	62	112740	52.508	ug/l	98
5) Bromomethane	1.64	94	54352	44.921	ug/l	98
6) Chloroethane	1.71	64	69616	51.021	ug/l	100
7) Trichlorofluoromethane	1.93	101	191168	52.598	ug/l	97
8) Diethyl Ether	2.19	74	61699	49.271	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107854	51.973	ug/l	98
10) Methyl Iodide	2.51	142	135668	49.818	ug/l	100
11) Tert butyl alcohol	3.05	59	144158	254.186	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106570	52.268	ug/l	99
13) Acrolein	2.29	56	77565	236.716	ug/l	100
14) Allyl chloride	2.73	41	152285	51.420	ug/l	99
15) Acrylonitrile	3.14	53	298367	260.354	ug/l	100
16) Acetone	2.45	43	251102	228.305	ug/l	98
17) Carbon Disulfide	2.57	76	260828	49.871	ug/l	100
18) Methyl Acetate	2.78	43	131305	52.430	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	349884	53.306	ug/l	99
20) Methylene Chloride	2.85	84	118681	50.918	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111067	51.339	ug/l	96
22) Diisopropyl ether	3.85	45	328554	52.600	ug/l	98
23) Vinyl Acetate	3.81	43	1428740	269.962	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188160	51.870	ug/l	99
25) 2-Butanone	4.67	43	412496	261.267	ug/l	99
26) 2,2-Dichloropropane	4.58	77	133292	44.751	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	129070	51.551	ug/l	97
28) Bromochloromethane	5.02	49	84554	49.464	ug/l	99
29) Tetrahydrofuran	5.13	42	264448	264.424	ug/l	100
30) Chloroform	5.21	83	204903	52.259	ug/l	99
31) Cyclohexane	5.58	56	171064	51.737	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182483	53.794	ug/l	99
36) 1,1-Dichloropropene	5.80	75	147237	51.437	ug/l	100
37) Ethyl Acetate	4.83	43	155976	53.214	ug/l	99
38) Carbon Tetrachloride	5.79	117	157811	52.906	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187109	50.405	ug/l	99
40) Benzene	6.14	78	449002	51.207	ug/l	100
41) Methacrylonitrile	5.04	41	86934	52.246	ug/l	97
42) 1,2-Dichloroethane	6.19	62	161459	52.959	ug/l	99
43) Isopropyl Acetate	6.45	43	255420	52.996	ug/l	99
44) Trichloroethene	7.21	130	131581	50.696	ug/l	92
45) 1,2-Dichloropropane	7.51	63	114340	51.234	ug/l	98
46) Dibromomethane	7.66	93	83243	52.199	ug/l	99
47) Bromodichloromethane	7.90	83	153731	54.155	ug/l	100
48) Methyl methacrylate	7.77	41	125397	53.409	ug/l	98
49) 1,4-Dioxane	7.74	88	66392	1010.907	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	841453	269.329	ug/l	100
52) Toluene	8.78	92	297188	51.593	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163825	53.672	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	179425	52.827	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125269	52.817	ug/l	96
56) Ethyl methacrylate	9.18	69	193371	55.738	ug/l	100
57) 1,3-Dichloropropane	9.37	76	194853	51.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	443016	267.504	ug/l	100
59) 2-Hexanone	9.49	43	659044	271.969	ug/l	99
60) Dibromochloromethane	9.58	129	133629	49.008	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133817	53.164	ug/l	99
64) Tetrachloroethene	9.34	164	127142	50.555	ug/l	97
65) Chlorobenzene	10.13	112	332152	50.586	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	123793	53.643	ug/l	99
67) Ethyl Benzene	10.25	91	584405	52.289	ug/l	99
68) m/p-Xylenes	10.36	106	447057	104.278	ug/l	99
69) o-Xylene	10.69	106	218917	52.322	ug/l	98
70) Styrene	10.71	104	378523	54.270	ug/l	100
71) Bromoform	10.85	173	101500	48.392	ug/l	99
73) Isopropylbenzene	11.02	105	593052	52.046	ug/l	99
74) N-amyl acetate	10.90	43	237337	54.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193395	51.862	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161596m	53.102	ug/l	
77) Bromobenzene	11.26	156	159170	50.641	ug/l	98
78) n-propylbenzene	11.36	91	667620	53.026	ug/l	99
79) 2-Chlorotoluene	11.42	91	394905	52.214	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	503055	52.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53411	44.907	ug/l	95
82) 4-Chlorotoluene	11.51	91	464470	52.764	ug/l	99
83) tert-Butylbenzene	11.77	119	493588	52.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	516656	53.837	ug/l	99
85) sec-Butylbenzene	11.94	105	582815	53.183	ug/l	100
86) p-Isopropyltoluene	12.06	119	539836	53.284	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	284968	52.244	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	285436	51.023	ug/l	99
89) n-Butylbenzene	12.38	91	463962	53.529	ug/l	100
90) Hexachloroethane	12.60	117	84791	53.062	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	277452	51.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42477	54.494	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192352	52.503	ug/l	99
94) Hexachlorobutadiene	13.78	225	92532	50.968	ug/l	99
95) Naphthalene	13.83	128	595272	55.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	192097	52.698	ug/l	99

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

