

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012406.D
 Acq On : 16 Sep 2019 13:57
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 5:04:16 PM

Quant Time: Sep 17 04:34:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	122957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	194663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	189594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	236137	157.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.28%	
35) Dibromofluoromethane	5.49	113	176649	127.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	254.90%	
50) Toluene-d8	8.71	98	652423	134.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.08%	
62) 4-Bromofluorobenzene	11.13	95	276610	142.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	118405	103.794	ug/l	99
3) Chloromethane	1.31	50	97867	96.952	ug/l	98
4) Vinyl Chloride	1.40	62	106947	104.590	ug/l	99
5) Bromomethane	1.62	94	38071	71.472	ug/l	100
6) Chloroethane	1.70	64	68094	112.980	ug/l	98
7) Trichlorofluoromethane	1.91	101	193543	115.327	ug/l	96
8) Diethyl Ether	2.18	74	80014	133.968	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138221	129.741	ug/l	99
10) Methyl Iodide	2.50	142	140137	114.154	ug/l	100
11) Tert butyl alcohol	3.05	59	304353	944.008	ug/l	99
12) 1,1-Dichloroethene	2.36	96	110935	110.361	ug/l	92
13) Acrolein	2.28	56	121215	924.110	ug/l	99
14) Allyl chloride	2.72	41	253740	150.617	ug/l	99
15) Acrylonitrile	3.14	53	527927	819.563	ug/l	99
16) Acetone	2.44	43	517894	823.257	ug/l	98
17) Carbon Disulfide	2.55	76	157164	68.448	ug/l	100
18) Methyl Acetate	2.76	43	246715	151.120	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	580667	161.638	ug/l	98
20) Methylene Chloride	2.84	84	144637	123.484	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	116653	109.006	ug/l	92
22) Diisopropyl ether	3.84	45	566771	165.037	ug/l	95
23) Vinyl Acetate	3.81	43	2446890	856.055	ug/l	99
24) 1,1-Dichloroethane	3.69	63	284085	147.419	ug/l	100
25) 2-Butanone	4.67	43	796130	865.704	ug/l	100
26) 2,2-Dichloropropane	4.57	77	265681	156.879	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	168994	130.626	ug/l	100
28) Bromochloromethane	5.00	49	133277	149.467	ug/l	99
29) Tetrahydrofuran	5.12	42	474571	829.832	ug/l	99
30) Chloroform	5.20	83	313968	148.078	ug/l	99
31) Cyclohexane	5.56	56	173296	110.550	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	275910	150.876	ug/l	100
36) 1,1-Dichloropropene	5.79	75	177957	112.580	ug/l	99
37) Ethyl Acetate	4.83	43	281724	154.653	ug/l	99
38) Carbon Tetrachloride	5.78	117	227852	123.830	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184811	98.486	ug/l	96
40) Benzene	6.14	78	571587	115.472	ug/l	97
41) Methacrylonitrile	5.03	41	166956	154.997	ug/l	99
42) 1,2-Dichloroethane	6.18	62	252108	133.797	ug/l	100
43) Isopropyl Acetate	6.43	43	480485	160.270	ug/l	100
44) Trichloroethene	7.20	130	154845	104.481	ug/l	100
45) 1,2-Dichloropropane	7.51	63	168672	131.858	ug/l	99
46) Dibromomethane	7.65	93	113831	122.720	ug/l	99
47) Bromodichloromethane	7.89	83	261479	149.046	ug/l	99
48) Methyl methacrylate	7.76	41	230961	157.428	ug/l	100
49) 1,4-Dioxane	7.73	88	113547	2851.481	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1593347	805.862	ug/l	99
52) Toluene	8.78	92	373416	116.879	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	281282	153.422	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	285633	144.756	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	184843	133.864	ug/l	98
56) Ethyl methacrylate	9.17	69	306633	154.027	ug/l	99
57) 1,3-Dichloropropane	9.37	76	298630	132.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	811662	768.811	ug/l	100
59) 2-Hexanone	9.49	43	1241202	820.914	ug/l	99
60) Dibromochloromethane	9.58	129	212832	142.042	ug/l	99
61) 1,2-Dibromoethane	9.67	107	180536	125.282	ug/l	100
64) Tetrachloroethene	9.33	164	122482	83.505	ug/l	98
65) Chlorobenzene	10.14	112	445308	114.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	194117	130.659	ug/l	99
67) Ethyl Benzene	10.25	91	772385	119.525	ug/l	96
68) m/p-Xylenes	10.35	106	574283	233.354	ug/l	98
69) o-Xylene	10.70	106	293664	119.993	ug/l	100
70) Styrene	10.71	104	538966	130.022	ug/l	99
71) Bromoform	10.85	173	163519	130.400	ug/l #	100
73) Isopropylbenzene	11.01	105	817509	107.703	ug/l	99
74) N-amyl acetate	10.89	43	451040	142.821	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	322420	122.908	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	301397m	128.529	ug/l	
77) Bromobenzene	11.25	156	210234	96.097	ug/l	99
78) n-propylbenzene	11.35	91	947238	115.966	ug/l	100
79) 2-Chlorotoluene	11.42	91	592928	115.730	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	727282	114.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113279	144.368	ug/l	96
82) 4-Chlorotoluene	11.51	91	696743	117.450	ug/l	99
83) tert-Butylbenzene	11.77	119	763082	120.023	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	737090	114.334	ug/l	99
85) sec-Butylbenzene	11.94	105	851581	117.006	ug/l	100
86) p-Isopropyltoluene	12.06	119	798949	115.504	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	395905	104.425	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	405864	105.258	ug/l	100
89) n-Butylbenzene	12.38	91	715188	123.095	ug/l	100
90) Hexachloroethane	12.59	117	158816	141.360	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	403603	104.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88419	140.762	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	282056	101.472	ug/l	98
94) Hexachlorobutadiene	13.78	225	131456	87.147	ug/l	98
95) Naphthalene	13.83	128	988127	122.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	277324	98.879	ug/l	98

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

