

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091919\
 Data File : VX012543.D
 Acq On : 19 Sep 2019 21:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:24 AM

Quant Time: Sep 20 07:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	130881	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	5.48	113	96307	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	8.71	98	354406	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	143542	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56345	46.004	ug/l	99
3) Chloromethane	1.31	50	50379	49.883	ug/l	99
4) Vinyl Chloride	1.40	62	56245	51.526	ug/l	96
5) Bromomethane	1.62	94	20335	47.417	ug/l	94
6) Chloroethane	1.71	64	39485	46.225	ug/l	96
7) Trichlorofluoromethane	1.92	101	102183	51.066	ug/l	100
8) Diethyl Ether	2.18	74	45086	49.884	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69874	48.262	ug/l	97
10) Methyl Iodide	2.50	142	59168	47.834	ug/l	97
11) Tert butyl alcohol	3.03	59	153736	229.783	ug/l	100
12) 1,1-Dichloroethene	2.36	96	57799	50.044	ug/l	97
13) Acrolein	2.28	56	57645	249.337	ug/l	99
14) Allyl chloride	2.72	41	136710	50.842	ug/l	99
15) Acrylonitrile	3.13	53	285026	249.823	ug/l	99
16) Acetone	2.44	43	262280	216.968	ug/l	100
17) Carbon Disulfide	2.56	76	72515	44.598	ug/l	99
18) Methyl Acetate	2.76	43	140728	51.295	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	320550	50.903	ug/l	99
20) Methylene Chloride	2.84	84	78734	49.413	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	61081	50.929	ug/l	93
22) Diisopropyl ether	3.84	45	321863	51.123	ug/l	100
23) Vinyl Acetate	3.80	43	1340425	258.818	ug/l	100
24) 1,1-Dichloroethane	3.69	63	155513	51.625	ug/l	98
25) 2-Butanone	4.66	43	416945	228.299	ug/l	98
26) 2,2-Dichloropropane	4.57	77	121895	41.145	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	91345	50.984	ug/l	97
28) Bromochloromethane	5.00	49	76572	49.307	ug/l	98
29) Tetrahydrofuran	5.11	42	255075	252.819	ug/l	100
30) Chloroform	5.20	83	170077	49.162	ug/l	98
31) Cyclohexane	5.57	56	91853	50.513	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	145715	50.395	ug/l	100
36) 1,1-Dichloropropene	5.79	75	93734	49.340	ug/l	98
37) Ethyl Acetate	4.82	43	153136	52.513	ug/l	100
38) Carbon Tetrachloride	5.78	117	114225	48.343	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92296	49.975	ug/l	98
40) Benzene	6.13	78	306930	50.806	ug/l	100
41) Methacrylonitrile	5.03	41	93360	49.720	ug/l	97
42) 1,2-Dichloroethane	6.19	62	137530	49.083	ug/l	100
43) Isopropyl Acetate	6.44	43	263724	50.387	ug/l	99
44) Trichloroethene	7.21	130	81286	51.151	ug/l	94
45) 1,2-Dichloropropane	7.51	63	93374	50.309	ug/l	97
46) Dibromomethane	7.65	93	59501	49.540	ug/l	100
47) Bromodichloromethane	7.89	83	135281	50.586	ug/l	99
48) Methyl methacrylate	7.76	41	123922	50.227	ug/l	99
49) 1,4-Dioxane	7.73	88	55791	929.108	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	852151	248.269	ug/l	99
52) Toluene	8.78	92	196251	50.414	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139393	50.143	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	148241	51.509	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100954	50.338	ug/l	98
56) Ethyl methacrylate	9.17	69	162316	51.765	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164086	51.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	433947	267.353	ug/l	99
59) 2-Hexanone	9.49	43	646158	241.300	ug/l	98
60) Dibromochloromethane	9.58	129	107675	52.708	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93977	51.307	ug/l	98
64) Tetrachloroethene	9.33	164	75074	58.049	ug/l	95
65) Chlorobenzene	10.14	112	233313	50.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	99986	51.718	ug/l	99
67) Ethyl Benzene	10.25	91	410537	51.297	ug/l	100
68) m/p-Xylenes	10.36	106	299377	102.810	ug/l	100
69) o-Xylene	10.70	106	153623	51.299	ug/l	99
70) Styrene	10.71	104	276776	52.237	ug/l	99
71) Bromoform	10.86	173	76176	46.006	ug/l #	99
73) Isopropylbenzene	11.01	105	429743	51.455	ug/l	100
74) N-amyl acetate	10.89	43	236328	52.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	164762	50.290	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	158993m	51.999	ug/l	
77) Bromobenzene	11.25	156	103413	50.771	ug/l	96
78) n-propylbenzene	11.35	91	482075	51.789	ug/l	99
79) 2-Chlorotoluene	11.42	91	304942	50.356	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	373001	52.367	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49345	44.658	ug/l	97
82) 4-Chlorotoluene	11.51	91	354604	51.021	ug/l	99
83) tert-Butylbenzene	11.77	119	380682	49.877	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380017	51.961	ug/l	100
85) sec-Butylbenzene	11.94	105	427119	50.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	390892	50.615	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198146	51.715	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	198392	50.407	ug/l	100
89) n-Butylbenzene	12.39	91	335096	48.631	ug/l	99
90) Hexachloroethane	12.59	117	71568	50.541	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	203336	50.775	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43793	51.559	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134069	51.976	ug/l	98
94) Hexachlorobutadiene	13.78	225	53906	44.340	ug/l	99
95) Naphthalene	13.83	128	506191	55.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141383	53.788	ug/l	99

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

