

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100419\
 Data File : VX012802.D
 Acq On : 04 Oct 2019 11:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:51 AM

Quant Time: Oct 05 04:31:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	281052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113834	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.48	113	89431	53.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	8.71	98	335674	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.13	95	136160	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82442	43.245	ug/l	99
3) Chloromethane	1.32	50	89526	40.896	ug/l	99
4) Vinyl Chloride	1.40	62	95190	43.747	ug/l	97
5) Bromomethane	1.62	94	36864	43.090	ug/l	99
6) Chloroethane	1.70	64	61824	42.147	ug/l	97
7) Trichlorofluoromethane	1.92	101	144292	47.232	ug/l	99
8) Diethyl Ether	2.17	74	58117	46.421	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94950	51.029	ug/l	97
10) Methyl Iodide	2.50	142	88221	45.500	ug/l	94
11) Tert butyl alcohol	3.03	59	128951	209.183	ug/l	98
12) 1,1-Dichloroethene	2.36	96	89615	49.184	ug/l	93
13) Acrolein	2.28	56	79020	230.925	ug/l	99
14) Allyl chloride	2.72	41	162304	44.898	ug/l	97
15) Acrylonitrile	3.13	53	283754	226.886	ug/l	98
16) Acetone	2.43	43	311590	238.383	ug/l	96
17) Carbon Disulfide	2.56	76	222502	43.560	ug/l	99
18) Methyl Acetate	2.76	43	139147	45.210	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	334576	48.514	ug/l	99
20) Methylene Chloride	2.84	84	104503	47.270	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	98695	48.894	ug/l	98
22) Diisopropyl ether	3.84	45	328986	47.099	ug/l	92
23) Vinyl Acetate	3.80	43	1419205	231.688	ug/l	96
24) 1,1-Dichloroethane	3.69	63	181607	47.831	ug/l	98
25) 2-Butanone	4.65	43	413246	220.494	ug/l	94
26) 2,2-Dichloropropane	4.57	77	162242	48.044	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	114914	49.063	ug/l	92
28) Bromochloromethane	5.00	49	63618	46.146	ug/l	93
29) Tetrahydrofuran	5.11	42	247289	216.479	ug/l	96
30) Chloroform	5.20	83	185596	47.779	ug/l	98
31) Cyclohexane	5.57	56	162383	47.274	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	164399	47.752	ug/l	98
36) 1,1-Dichloropropene	5.79	75	138481	51.118	ug/l	98
37) Ethyl Acetate	4.81	43	150208	47.427	ug/l	97
38) Carbon Tetrachloride	5.77	117	139437	50.669	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	171579	52.610	ug/l	97
40) Benzene	6.13	78	413729	51.906	ug/l	100
41) Methacrylonitrile	5.02	41	82359	46.347	ug/l	94
42) 1,2-Dichloroethane	6.18	62	152226	50.292	ug/l	98
43) Isopropyl Acetate	6.43	43	248682	46.953	ug/l	97
44) Trichloroethene	7.20	130	107858	52.932	ug/l	96
45) 1,2-Dichloropropane	7.50	63	105942	51.915	ug/l	97
46) Dibromomethane	7.65	93	71341	51.346	ug/l	98
47) Bromodichloromethane	7.89	83	145436	52.373	ug/l	98
48) Methyl methacrylate	7.76	41	119256	46.958	ug/l	92
49) 1,4-Dioxane	7.73	88	52667	914.306	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	764601	233.865	ug/l	95
52) Toluene	8.78	92	264056	52.709	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	162620	52.929	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	174492	52.016	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	107221	53.834	ug/l	98
56) Ethyl methacrylate	9.17	69	171643	51.297	ug/l	91
57) 1,3-Dichloropropane	9.36	76	179984	51.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	394509	262.662	ug/l	100
59) 2-Hexanone	9.48	43	602235	240.649	ug/l	93
60) Dibromochloromethane	9.57	129	111614	55.359	ug/l	96
61) 1,2-Dibromoethane	9.67	107	110640	53.377	ug/l	100
64) Tetrachloroethene	9.33	164	100226	57.213	ug/l	94
65) Chlorobenzene	10.14	112	279644	52.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	101921	53.166	ug/l	96
67) Ethyl Benzene	10.25	91	513957	53.557	ug/l	100
68) m/p-Xylenes	10.36	106	387783	107.873	ug/l	98
69) o-Xylene	10.70	106	185941	53.455	ug/l	100
70) Styrene	10.71	104	326992	56.075	ug/l	99
71) Bromoform	10.85	173	74856	56.078	ug/l #	98
73) Isopropylbenzene	11.01	105	506118	50.922	ug/l	100
74) N-amyl acetate	10.89	43	223471	47.129	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	165599	50.308	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	138470m	42.896	ug/l	
77) Bromobenzene	11.25	156	117395	52.187	ug/l	99
78) n-propylbenzene	11.35	91	571982	51.117	ug/l	100
79) 2-Chlorotoluene	11.42	91	343973	49.277	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	423900	50.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52837	46.907	ug/l	97
82) 4-Chlorotoluene	11.51	91	401010	50.396	ug/l	99
83) tert-Butylbenzene	11.76	119	398394	49.552	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	427460	50.840	ug/l	99
85) sec-Butylbenzene	11.94	105	488447	52.232	ug/l	100
86) p-Isopropyltoluene	12.06	119	445512	52.799	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220304	54.420	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	218114	53.320	ug/l	99
89) n-Butylbenzene	12.39	91	403467	54.263	ug/l	99
90) Hexachloroethane	12.59	117	76845	51.083	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	217113	53.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38641	46.928	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140746	56.944	ug/l	100
94) Hexachlorobutadiene	13.78	225	63677	59.886	ug/l	98
95) Naphthalene	13.83	128	462951	51.770	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140223	56.635	ug/l	99

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

