

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092419\
 Data File : VX012647.D
 Acq On : 24 Sep 2019 20:48
 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
 9/25/2019 9:29:28 AM

Quant Time: Sep 25 07:03:50 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	179685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	138875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	138856	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	5.48	113	102464	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	8.71	98	395264	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	11.14	95	158746	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	92661	45.840	ug/l	100
3) Chloromethane	1.32	50	106438	45.855	ug/l	100
4) Vinyl Chloride	1.40	62	113807	49.328	ug/l	98
5) Bromomethane	1.62	94	42696	47.068	ug/l	100
6) Chloroethane	1.71	64	69779	44.864	ug/l	95
7) Trichlorofluoromethane	1.92	101	157937	48.757	ug/l	97
8) Diethyl Ether	2.18	74	65802	49.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98594	49.973	ug/l	96
10) Methyl Iodide	2.50	142	104395	50.204	ug/l	94
11) Tert butyl alcohol	3.04	59	172161	263.390	ug/l	100
12) 1,1-Dichloroethene	2.36	96	99379	51.440	ug/l	98
13) Acrolein	2.28	56	84853	233.734	ug/l	100
14) Allyl chloride	2.72	41	192277	50.164	ug/l	98
15) Acrylonitrile	3.13	53	343425	258.976	ug/l	98
16) Acetone	2.44	43	300623	216.909	ug/l	98
17) Carbon Disulfide	2.56	76	249597	46.084	ug/l	99
18) Methyl Acetate	2.76	43	166545	51.034	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	382578	52.318	ug/l	99
20) Methylene Chloride	2.84	84	115977	49.475	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	107607	50.276	ug/l	99
22) Diisopropyl ether	3.84	45	384994	51.982	ug/l	98
23) Vinyl Acetate	3.80	43	1680408	258.724	ug/l	98
24) 1,1-Dichloroethane	3.69	63	206029	51.176	ug/l	98
25) 2-Butanone	4.66	43	491443	247.300	ug/l	97
26) 2,2-Dichloropropane	4.57	77	160147	44.726	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	126831	51.071	ug/l	94
28) Bromochloromethane	5.00	49	74387	50.887	ug/l	100
29) Tetrahydrofuran	5.12	42	321461	265.401	ug/l	98
30) Chloroform	5.20	83	207070	50.274	ug/l	100
31) Cyclohexane	5.57	56	187823	51.570	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	184496	50.541	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157016	50.346	ug/l	98
37) Ethyl Acetate	4.82	43	189253	51.905	ug/l	98
38) Carbon Tetrachloride	5.78	117	152745	48.214	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187030	49.814	ug/l	96
40) Benzene	6.13	78	463060	50.463	ug/l	98
41) Methacrylonitrile	5.03	41	103814	50.747	ug/l	95
42) 1,2-Dichloroethane	6.18	62	175862	50.469	ug/l	99
43) Isopropyl Acetate	6.43	43	307845	50.488	ug/l	98
44) Trichloroethene	7.20	130	117052	49.897	ug/l	93
45) 1,2-Dichloropropane	7.51	63	121062	51.531	ug/l	98
46) Dibromomethane	7.65	93	80711	50.459	ug/l	95
47) Bromodichloromethane	7.89	83	157355	49.221	ug/l	98
48) Methyl methacrylate	7.76	41	150447	51.458	ug/l	95
49) 1,4-Dioxane	7.73	88	69463	1047.475	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	973218	258.569	ug/l	97
52) Toluene	8.78	92	294358	51.039	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	183582	51.902	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193937	50.218	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	118426	51.649	ug/l	97
56) Ethyl methacrylate	9.17	69	203872	52.925	ug/l	94
57) 1,3-Dichloropropane	9.37	76	206114	51.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	468893	271.176	ug/l	99
59) 2-Hexanone	9.49	43	757392	262.892	ug/l	96
60) Dibromochloromethane	9.58	129	118752	51.162	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125194	52.464	ug/l	100
64) Tetrachloroethene	9.33	164	103753	51.078	ug/l	95
65) Chlorobenzene	10.14	112	306864	50.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	112219	50.485	ug/l	98
67) Ethyl Benzene	10.25	91	572864	51.483	ug/l	99
68) m/p-Xylenes	10.35	106	423683	101.645	ug/l	98
69) o-Xylene	10.70	106	208159	51.610	ug/l	99
70) Styrene	10.71	104	364847	53.960	ug/l	99
71) Bromoform	10.85	173	79773	51.541	ug/l	100
73) Isopropylbenzene	11.01	105	554704	49.042	ug/l	100
74) N-amyl acetate	10.89	43	277309	51.391	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185019	49.391	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	181822m	49.494	ug/l	
77) Bromobenzene	11.25	156	126285	49.331	ug/l	97
78) n-propylbenzene	11.35	91	635305	49.890	ug/l	99
79) 2-Chlorotoluene	11.42	91	383761	48.310	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	478333	50.430	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	61620	48.070	ug/l	95
82) 4-Chlorotoluene	11.51	91	448170	49.491	ug/l	98
83) tert-Butylbenzene	11.77	119	444413	48.571	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	482638	50.441	ug/l	99
85) sec-Butylbenzene	11.94	105	534168	50.194	ug/l	99
86) p-Isopropyltoluene	12.06	119	496386	51.693	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	232829	50.539	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	236113	50.719	ug/l	98
89) n-Butylbenzene	12.39	91	435316	51.446	ug/l	99
90) Hexachloroethane	12.59	117	82942	48.449	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	234273	50.794	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49451	52.773	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	150916	53.654	ug/l	97
94) Hexachlorobutadiene	13.78	225	61562	50.875	ug/l	99
95) Naphthalene	13.83	128	589723	57.948	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	154551	54.851	ug/l	99

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

