

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010919\
 Data File : VX006956.D
 Acq On : 09 Jan 2019 10:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/10/2019 10:54:03 AM

Quant Time: Jan 10 01:05:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	681320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	975389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	893040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	470723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	375938	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
35) Dibromofluoromethane	5.50	113	346683	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	
50) Toluene-d8	8.71	98	1305274	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
62) 4-Bromofluorobenzene	11.14	95	465569	58.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	328926	58.789	ug/l	99
3) Chloromethane	1.33	50	345019	52.971	ug/l	96
4) Vinyl Chloride	1.41	62	366648	52.331	ug/l	100
5) Bromomethane	1.64	94	349492	46.689	ug/l	100
6) Chloroethane	1.71	64	232201	47.464	ug/l	99
7) Trichlorofluoromethane	1.92	101	578246	51.079	ug/l	99
8) Diethyl Ether	2.19	74	220266	48.906	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	349982	51.638	ug/l	100
10) Methyl Iodide	2.51	142	522206	57.119	ug/l	99
11) Tert butyl alcohol	3.08	59	415517	247.383	ug/l	99
12) 1,1-Dichloroethene	2.37	96	317537	50.710	ug/l	98
13) Acrolein	2.29	56	191824	264.619	ug/l	98
14) Allyl chloride	2.73	41	559376	52.124	ug/l	99
15) Acrylonitrile	3.15	53	967438	250.900	ug/l	99
16) Acetone	2.45	43	990354	281.344	ug/l	99
17) Carbon Disulfide	2.57	76	857389	53.182	ug/l	100
18) Methyl Acetate	2.78	43	485565	47.633	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1092738	50.278	ug/l	100
20) Methylene Chloride	2.85	84	352808	52.726	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	342041	49.016	ug/l	99
22) Diisopropyl ether	3.87	45	1026333	50.871	ug/l	99
23) Vinyl Acetate	3.82	43	4427092	260.198	ug/l	99
24) 1,1-Dichloroethane	3.70	63	596021	52.832	ug/l	99
25) 2-Butanone	4.70	43	1334785	265.010	ug/l	98
26) 2,2-Dichloropropane	4.58	77	479087	55.227	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	381843	49.609	ug/l	98
28) Bromochloromethane	5.02	49	240235	48.604	ug/l	97
29) Tetrahydrofuran	5.15	42	823859	251.694	ug/l	97
30) Chloroform	5.21	83	595200	50.392	ug/l	99
31) Cyclohexane	5.57	56	526899	52.476	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	533075	53.246	ug/l	99
36) 1,1-Dichloropropene	5.80	75	454497	53.595	ug/l	100
37) Ethyl Acetate	4.85	43	484873	53.332	ug/l	98
38) Carbon Tetrachloride	5.78	117	475093	55.683	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	592330	54.790	ug/l	98
40) Benzene	6.14	78	1349252	52.144	ug/l	99
41) Methacrylonitrile	5.06	41	265462	50.685	ug/l	98
42) 1,2-Dichloroethane	6.20	62	454006	50.774	ug/l	99
43) Isopropyl Acetate	6.46	43	784485	54.703	ug/l	98
44) Trichloroethene	7.21	130	404626	52.183	ug/l	96
45) 1,2-Dichloropropane	7.51	63	341067	52.430	ug/l	99
46) Dibromomethane	7.66	93	244444	53.467	ug/l	98
47) Bromodichloromethane	7.90	83	443507	56.991	ug/l	95
48) Methyl methacrylate	7.77	41	396833	53.885	ug/l	96
49) 1,4-Dioxane	7.75	88	182643	1086.726	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2495850	270.812	ug/l	99
52) Toluene	8.79	92	888243	53.408	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	508130	58.884	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	548894	57.599	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	354361	53.233	ug/l	98
56) Ethyl methacrylate	9.18	69	538823	55.445	ug/l	96
57) 1,3-Dichloropropane	9.37	76	578024	53.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1475360	295.270	ug/l	98
59) 2-Hexanone	9.49	43	1983041	282.354	ug/l	98
60) Dibromochloromethane	9.59	129	391658	60.591	ug/l	99
61) 1,2-Dibromoethane	9.67	107	394273	53.800	ug/l	99
64) Tetrachloroethene	9.34	164	397856	51.458	ug/l	95
65) Chlorobenzene	10.14	112	1025852	52.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	371430	56.687	ug/l	99
67) Ethyl Benzene	10.25	91	1711334	53.221	ug/l	99
68) m/p-Xylenes	10.36	106	1374360	108.485	ug/l	99
69) o-Xylene	10.70	106	659493	53.378	ug/l	97
70) Styrene	10.71	104	1065665	54.460	ug/l	99
71) Bromoform	10.86	173	301771	51.338	ug/l	99
73) Isopropylbenzene	11.02	105	1771960	53.384	ug/l	99
74) N-amyl acetate	10.90	43	705978	52.827	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	527529	50.062	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	489822m	51.349	ug/l	
77) Bromobenzene	11.26	156	468492	51.225	ug/l	99
78) n-propylbenzene	11.36	91	1994097	54.725	ug/l	99
79) 2-Chlorotoluene	11.42	91	1142844	52.103	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1462020	52.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	164987	52.031	ug/l	94
82) 4-Chlorotoluene	11.51	91	1348229	53.087	ug/l	99
83) tert-Butylbenzene	11.77	119	1488689	53.798	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1491590	53.481	ug/l	100
85) sec-Butylbenzene	11.94	105	1783558	53.969	ug/l	100
86) p-Isopropyltoluene	12.06	119	1609761	54.457	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	851548	51.512	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	854520	54.545	ug/l	100
89) n-Butylbenzene	12.39	91	1421541	56.412	ug/l	99
90) Hexachloroethane	12.60	117	263128	55.423	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	831885	50.994	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	116054	55.686	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	608725	54.388	ug/l	99
94) Hexachlorobutadiene	13.79	225	274882	55.345	ug/l	98
95) Naphthalene	13.83	128	1809595	53.357	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	591388	53.191	ug/l	99

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

