

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092419\
 Data File : VX012620.D
 Acq On : 24 Sep 2019 09:59
 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
 9/25/2019 9:29:42 AM

Quant Time: Sep 25 04:50:59 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	189383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	139161	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	5.48	113	104336	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
50) Toluene-d8	8.71	98	386836	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.13	95	154626	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	106253	49.872	ug/l	96
3) Chloromethane	1.32	50	120253	49.154	ug/l	99
4) Vinyl Chloride	1.40	62	121401	49.925	ug/l	96
5) Bromomethane	1.62	94	45659	47.757	ug/l	99
6) Chloroethane	1.70	64	76513	46.675	ug/l	97
7) Trichlorofluoromethane	1.92	101	174927	51.237	ug/l	98
8) Diethyl Ether	2.18	74	67823	48.476	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109371	52.596	ug/l	95
10) Methyl Iodide	2.50	142	108443	49.552	ug/l	96
11) Tert butyl alcohol	3.03	59	162646	236.091	ug/l	99
12) 1,1-Dichloroethene	2.36	96	103930	51.041	ug/l	99
13) Acrolein	2.28	56	86981	227.607	ug/l	99
14) Allyl chloride	2.72	41	203887	50.469	ug/l	97
15) Acrylonitrile	3.13	53	342956	245.379	ug/l	98
16) Acetone	2.44	43	428889	293.610	ug/l	98
17) Carbon Disulfide	2.56	76	281006	49.227	ug/l	100
18) Methyl Acetate	2.76	43	163847	47.636	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	385357	49.999	ug/l	99
20) Methylene Chloride	2.84	84	119883	48.523	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	112522	49.880	ug/l	96
22) Diisopropyl ether	3.84	45	390183	49.985	ug/l	93
23) Vinyl Acetate	3.80	43	1731135	252.885	ug/l	98
24) 1,1-Dichloroethane	3.68	63	211215	49.778	ug/l	98
25) 2-Butanone	4.65	43	556910	265.893	ug/l	96
26) 2,2-Dichloropropane	4.57	77	192738	51.072	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	128600	49.131	ug/l	97
28) Bromochloromethane	5.00	49	79533	51.622	ug/l	100
29) Tetrahydrofuran	5.11	42	312655	244.912	ug/l	98
30) Chloroform	5.20	83	213992	49.294	ug/l	100
31) Cyclohexane	5.57	56	199133	51.875	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	195538	50.823	ug/l	99
36) 1,1-Dichloropropene	5.79	75	162325	51.163	ug/l	99
37) Ethyl Acetate	4.81	43	184462	49.731	ug/l	98
38) Carbon Tetrachloride	5.77	117	166182	51.563	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	199628	52.265	ug/l	98
40) Benzene	6.13	78	470596	50.412	ug/l	100
41) Methacrylonitrile	5.03	41	105641	50.761	ug/l	97
42) 1,2-Dichloroethane	6.18	62	180501	50.919	ug/l	100
43) Isopropyl Acetate	6.43	43	305885	49.313	ug/l	98
44) Trichloroethene	7.20	130	121289	50.824	ug/l	94
45) 1,2-Dichloropropane	7.50	63	122281	51.164	ug/l	99
46) Dibromomethane	7.65	93	81041	49.803	ug/l	96
47) Bromodichloromethane	7.89	83	165849	50.996	ug/l	99
48) Methyl methacrylate	7.76	41	150514	50.605	ug/l	96
49) 1,4-Dioxane	7.73	88	70626	1046.900	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	951863	248.595	ug/l	98
52) Toluene	8.78	92	302418	51.545	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	189016	52.530	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203347	51.759	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	118545	50.821	ug/l	99
56) Ethyl methacrylate	9.17	69	198877	50.750	ug/l	95
57) 1,3-Dichloropropane	9.36	76	204906	50.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	482129	274.089	ug/l	99
59) 2-Hexanone	9.48	43	779415	265.935	ug/l	97
60) Dibromochloromethane	9.57	129	124110	52.561	ug/l	100
61) 1,2-Dibromoethane	9.67	107	125423	51.666	ug/l	100
64) Tetrachloroethene	9.33	164	108555	54.713	ug/l	94
65) Chlorobenzene	10.14	112	308452	51.473	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	115591	53.238	ug/l	98
67) Ethyl Benzene	10.24	91	579868	53.352	ug/l	99
68) m/p-Xylenes	10.35	106	433211	106.403	ug/l	99
69) o-Xylene	10.70	106	210059	53.320	ug/l	98
70) Styrene	10.71	104	363030	54.968	ug/l	100
71) Bromoform	10.85	173	82913	54.843	ug/l #	99
73) Isopropylbenzene	11.01	105	565700	50.612	ug/l	100
74) N-amyl acetate	10.89	43	271567	50.929	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185177	50.025	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	183838m	50.642	ug/l	
77) Bromobenzene	11.25	156	126638	50.060	ug/l	95
78) n-propylbenzene	11.35	91	644849	51.245	ug/l	99
79) 2-Chlorotoluene	11.42	91	386220	49.201	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	484531	51.694	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65739	51.897	ug/l	98
82) 4-Chlorotoluene	11.51	91	464212	51.876	ug/l	98
83) tert-Butylbenzene	11.76	119	454418	50.259	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	485924	51.392	ug/l	99
85) sec-Butylbenzene	11.94	105	546557	51.972	ug/l	99
86) p-Isopropyltoluene	12.06	119	509302	53.673	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	232906	51.160	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	236794	51.474	ug/l	99
89) n-Butylbenzene	12.38	91	437682	52.344	ug/l	99
90) Hexachloroethane	12.59	117	86474	51.116	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	233206	51.167	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48135	51.983	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146498	52.706	ug/l	98
94) Hexachlorobutadiene	13.78	225	65612	54.871	ug/l	99
95) Naphthalene	13.83	128	536359	53.335	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147148	52.849	ug/l	99

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

