

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012980.D
 Acq On : 10 Oct 2019 06:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:05:02 AM

Quant Time: Oct 10 08:00:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108167	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
35) Dibromofluoromethane	5.49	113	84584	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	8.71	98	315479	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	124702	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81532	50.078	ug/l	99
3) Chloromethane	1.32	50	95514	53.905	ug/l	98
4) Vinyl Chloride	1.40	62	95626	52.287	ug/l	99
5) Bromomethane	1.63	94	39279	51.667	ug/l	97
6) Chloroethane	1.71	64	59976	53.660	ug/l	100
7) Trichlorofluoromethane	1.92	101	130050	52.685	ug/l	100
8) Diethyl Ether	2.18	74	54558	54.758	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79607	49.831	ug/l	99
10) Methyl Iodide	2.50	142	97820	53.637	ug/l	99
11) Tert butyl alcohol	3.03	59	145198	274.364	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85363	52.886	ug/l	96
13) Acrolein	2.28	56	86293	229.447	ug/l	98
14) Allyl chloride	2.72	41	152371	53.008	ug/l	98
15) Acrylonitrile	3.13	53	280951	280.137	ug/l	100
16) Acetone	2.44	43	240178	228.245	ug/l	99
17) Carbon Disulfide	2.56	76	226752	49.268	ug/l	99
18) Methyl Acetate	2.76	43	138729	55.621	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	319416	57.304	ug/l	99
20) Methylene Chloride	2.84	84	101521	52.496	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	95157	55.003	ug/l	98
22) Diisopropyl ether	3.84	45	313535	56.923	ug/l	95
23) Vinyl Acetate	3.80	43	1334029	280.555	ug/l	100
24) 1,1-Dichloroethane	3.69	63	173565	56.012	ug/l	99
25) 2-Butanone	4.66	43	387405	265.365	ug/l	99
26) 2,2-Dichloropropane	4.58	77	98748	37.897	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	109292	54.806	ug/l	96
28) Bromochloromethane	5.00	49	52298	56.533	ug/l	99
29) Tetrahydrofuran	5.12	42	247078	275.030	ug/l	98
30) Chloroform	5.20	83	174066	54.746	ug/l	98
31) Cyclohexane	5.57	56	141444	48.816	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	152082	56.451	ug/l	97
36) 1,1-Dichloropropene	5.79	75	124177	50.156	ug/l	99
37) Ethyl Acetate	4.82	43	143919	51.986	ug/l	99
38) Carbon Tetrachloride	5.78	117	124335	51.596	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140956	46.947	ug/l	97
40) Benzene	6.13	78	389646	53.286	ug/l	99
41) Methacrylonitrile	5.03	41	81053	53.282	ug/l	99
42) 1,2-Dichloroethane	6.18	62	141305	53.854	ug/l	100
43) Isopropyl Acetate	6.43	43	242154	54.498	ug/l	100
44) Trichloroethene	7.21	130	101414	50.014	ug/l	99
45) 1,2-Dichloropropane	7.51	63	102374	54.932	ug/l	100
46) Dibromomethane	7.65	93	67199	54.120	ug/l	100
47) Bromodichloromethane	7.89	83	133610	55.139	ug/l	98
48) Methyl methacrylate	7.76	41	116594	53.846	ug/l	99
49) 1,4-Dioxane	7.73	88	59670	1025.949	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	756917	273.221	ug/l	100
52) Toluene	8.78	92	246644	52.723	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	142226	47.161	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	154781	51.935	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100297	54.176	ug/l	99
56) Ethyl methacrylate	9.17	69	165935	50.052	ug/l	100
57) 1,3-Dichloropropane	9.37	76	173456	54.164	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	367857	270.479	ug/l	99
59) 2-Hexanone	9.49	43	584331	270.958	ug/l	100
60) Dibromochloromethane	9.58	129	103018	50.004	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104763	53.794	ug/l	100
64) Tetrachloroethene	9.33	164	90906	51.194	ug/l	98
65) Chlorobenzene	10.14	112	261212	51.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	96912	54.977	ug/l	99
67) Ethyl Benzene	10.25	91	468400	51.867	ug/l	99
68) m/p-Xylenes	10.35	106	351852	104.292	ug/l	100
69) o-Xylene	10.70	106	173650	52.781	ug/l	98
70) Styrene	10.71	104	300154	53.666	ug/l	100
71) Bromoform	10.85	173	71100	47.513	ug/l #	99
73) Isopropylbenzene	11.01	105	454730	51.345	ug/l	100
74) N-amyl acetate	10.89	43	210163	55.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	155518	52.797	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	147251m	55.114	ug/l	
77) Bromobenzene	11.25	156	106571	51.065	ug/l	95
78) n-propylbenzene	11.35	91	487319	50.006	ug/l	100
79) 2-Chlorotoluene	11.42	91	317993	51.921	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377175	51.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43430	42.470	ug/l	98
82) 4-Chlorotoluene	11.51	91	365066	52.004	ug/l	99
83) tert-Butylbenzene	11.77	119	366750	50.840	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	395190	52.766	ug/l	99
85) sec-Butylbenzene	11.94	105	426810	51.069	ug/l	100
86) p-Isopropyltoluene	12.06	119	399398	51.528	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	197545	50.973	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194112	49.455	ug/l	99
89) n-Butylbenzene	12.39	91	332835	51.092	ug/l	99
90) Hexachloroethane	12.59	117	68594	47.875	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	197633	52.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39151	56.707	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	121124	50.892	ug/l	98
94) Hexachlorobutadiene	13.78	225	52972	48.227	ug/l	98
95) Naphthalene	13.83	128	448525	54.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126735	51.529	ug/l	99

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

