

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010849.D
 Acq On : 12 Jul 2019 20:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:01:11 AM

Quant Time: Jul 13 04:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103375	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	5.50	113	99794	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
50) Toluene-d8	8.71	98	354053	41.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.24%	
62) 4-Bromofluorobenzene	11.13	95	136123	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80346	47.295	ug/l	98
3) Chloromethane	1.32	50	81963	41.433	ug/l	99
4) Vinyl Chloride	1.41	62	91354	42.162	ug/l	99
5) Bromomethane	1.64	94	48675	46.112	ug/l	98
6) Chloroethane	1.71	64	60124	47.033	ug/l	97
7) Trichlorofluoromethane	1.92	101	161222	46.938	ug/l	99
8) Diethyl Ether	2.19	74	56210	45.634	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90377	43.420	ug/l	99
10) Methyl Iodide	2.51	142	101152	34.051	ug/l	96
11) Tert butyl alcohol	3.05	59	121162	202.104	ug/l	97
12) 1,1-Dichloroethene	2.37	96	91361	43.135	ug/l	98
13) Acrolein	2.29	56	91365	229.736	ug/l	100
14) Allyl chloride	2.73	41	134519	44.735	ug/l	96
15) Acrylonitrile	3.14	53	271065	228.371	ug/l	100
16) Acetone	2.45	43	221563	192.961	ug/l	94
17) Carbon Disulfide	2.57	76	215280	37.886	ug/l	99
18) Methyl Acetate	2.78	43	104909	45.842	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	301552	45.257	ug/l	100
20) Methylene Chloride	2.85	84	104417	44.189	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	96034	42.158	ug/l	98
22) Diisopropyl ether	3.85	45	288079	45.822	ug/l	98
23) Vinyl Acetate	3.82	43	1278066	235.317	ug/l	99
24) 1,1-Dichloroethane	3.70	63	164460	45.255	ug/l	100
25) 2-Butanone	4.67	43	372683	221.269	ug/l	98
26) 2,2-Dichloropropane	4.58	77	123983	39.274	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113350	43.060	ug/l	98
28) Bromochloromethane	5.01	49	72512	41.733	ug/l	94
29) Tetrahydrofuran	5.13	42	237775	227.914	ug/l	98
30) Chloroform	5.21	83	176458	45.129	ug/l	100
31) Cyclohexane	5.58	56	143916	43.488	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	152199	44.083	ug/l	98
36) 1,1-Dichloropropene	5.80	75	126159	43.158	ug/l	98
37) Ethyl Acetate	4.84	43	139484	46.382	ug/l	98
38) Carbon Tetrachloride	5.79	117	134072	42.355	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158772	41.320	ug/l	98
40) Benzene	6.14	78	391509	42.989	ug/l	99
41) Methacrylonitrile	5.04	41	75199	45.574	ug/l	97
42) 1,2-Dichloroethane	6.20	62	133920	48.307	ug/l	98
43) Isopropyl Acetate	6.45	43	226109	45.444	ug/l	98
44) Trichloroethene	7.21	130	113364	41.600	ug/l	99
45) 1,2-Dichloropropane	7.51	63	100233	43.583	ug/l	99
46) Dibromomethane	7.66	93	72629	44.016	ug/l	95
47) Bromodichloromethane	7.90	83	131581	43.513	ug/l	100
48) Methyl methacrylate	7.77	41	109016	47.138	ug/l	97
49) 1,4-Dioxane	7.74	88	60170	903.148	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	752930	236.611	ug/l	98
52) Toluene	8.78	92	256622	42.789	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	142467	42.022	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	157741	42.815	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108908	44.030	ug/l	99
56) Ethyl methacrylate	9.18	69	166848	44.529	ug/l	95
57) 1,3-Dichloropropane	9.37	76	172269	44.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	347311	195.169	ug/l	99
59) 2-Hexanone	9.49	43	586848	234.321	ug/l	96
60) Dibromochloromethane	9.58	129	116470	42.055	ug/l	98
61) 1,2-Dibromoethane	9.67	107	117609	44.051	ug/l	100
64) Tetrachloroethene	9.34	164	107674	39.049	ug/l	98
65) Chlorobenzene	10.13	112	289540	41.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	108747	43.135	ug/l	99
67) Ethyl Benzene	10.25	91	505738	43.283	ug/l	99
68) m/p-Xylenes	10.36	106	389006	85.922	ug/l	97
69) o-Xylene	10.69	106	190979	42.894	ug/l	98
70) Styrene	10.71	104	329724	44.159	ug/l	98
71) Bromoform	10.85	173	89198	40.686	ug/l #	100
73) Isopropylbenzene	11.02	105	513923	42.630	ug/l	98
74) N-amyl acetate	10.90	43	213451	46.851	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	174905	43.809	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	141721m	43.731	ug/l	
77) Bromobenzene	11.26	156	138446	41.128	ug/l	97
78) n-propylbenzene	11.36	91	575815	43.460	ug/l	99
79) 2-Chlorotoluene	11.42	91	341135	43.238	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	435581	43.829	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	48890	35.195	ug/l	90
82) 4-Chlorotoluene	11.51	91	399508	44.500	ug/l	98
83) tert-Butylbenzene	11.77	119	429278	43.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	440046	44.072	ug/l	98
85) sec-Butylbenzene	11.94	105	508251	43.397	ug/l	99
86) p-Isopropyltoluene	12.06	119	470599	43.441	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	246400	41.934	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	250071	41.804	ug/l	99
89) n-Butylbenzene	12.38	91	400066	43.460	ug/l	99
90) Hexachloroethane	12.60	117	73076	39.012	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	243812	41.749	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36490	42.392	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	169465	41.844	ug/l	100
94) Hexachlorobutadiene	13.78	225	81886	41.371	ug/l	99
95) Naphthalene	13.83	128	528685	42.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	169802	42.170	ug/l	100

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

