

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070919\
 Data File : VX010738.D
 Acq On : 09 Jul 2019 09:53
 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
 7/10/2019 10:19:25 AM

Quant Time: Jul 09 12:40:46 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	227688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	338161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104034	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.49	113	101487	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	8.71	98	377438	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.13	95	143676	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97226	61.421	ug/l	99
3) Chloromethane	1.32	50	101604	55.122	ug/l	100
4) Vinyl Chloride	1.41	62	107019	53.008	ug/l	98
5) Bromomethane	1.64	94	57246	58.202	ug/l	98
6) Chloroethane	1.71	64	68438	57.457	ug/l	100
7) Trichlorofluoromethane	1.92	101	182286	56.956	ug/l	99
8) Diethyl Ether	2.18	74	64470	56.172	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106860	55.097	ug/l	99
10) Methyl Iodide	2.51	142	122894	44.399	ug/l	97
11) Tert butyl alcohol	3.05	59	119229	213.439	ug/l	98
12) 1,1-Dichloroethene	2.37	96	105282	53.346	ug/l	97
13) Acrolein	2.29	56	88238	238.117	ug/l	99
14) Allyl chloride	2.72	41	150544	53.730	ug/l	98
15) Acrylonitrile	3.14	53	286666	259.196	ug/l	99
16) Acetone	2.44	43	308008	287.886	ug/l	96
17) Carbon Disulfide	2.57	76	263804	49.824	ug/l	100
18) Methyl Acetate	2.77	43	110562	51.849	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	328457	52.903	ug/l	99
20) Methylene Chloride	2.85	84	117391	53.316	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	111876	52.708	ug/l	98
22) Diisopropyl ether	3.85	45	313243	53.472	ug/l	91
23) Vinyl Acetate	3.81	43	1393115	275.278	ug/l	98
24) 1,1-Dichloroethane	3.70	63	179998	53.157	ug/l	99
25) 2-Butanone	4.67	43	420560	267.974	ug/l	100
26) 2,2-Dichloropropane	4.58	77	152604	51.879	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	128487	52.384	ug/l	99
28) Bromochloromethane	5.01	49	76507	47.256	ug/l	96
29) Tetrahydrofuran	5.12	42	251450	258.667	ug/l	98
30) Chloroform	5.21	83	192061	52.716	ug/l	95
31) Cyclohexane	5.57	56	167132	54.200	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	169050	52.548	ug/l	100
36) 1,1-Dichloropropene	5.79	75	142803	53.142	ug/l	99
37) Ethyl Acetate	4.83	43	144865	52.402	ug/l	99
38) Carbon Tetrachloride	5.78	117	151457	52.049	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192947	54.624	ug/l	99
40) Benzene	6.13	78	442293	52.830	ug/l	99
41) Methacrylonitrile	5.04	41	82253	54.227	ug/l	96
42) 1,2-Dichloroethane	6.19	62	145346	57.034	ug/l	98
43) Isopropyl Acetate	6.44	43	240644	52.614	ug/l	99
44) Trichloroethene	7.21	130	131493	52.490	ug/l	96
45) 1,2-Dichloropropane	7.51	63	111603	52.788	ug/l	98
46) Dibromomethane	7.66	93	80950	53.367	ug/l	97
47) Bromodichloromethane	7.90	83	145826	52.459	ug/l	98
48) Methyl methacrylate	7.76	41	115559	54.356	ug/l	99
49) 1,4-Dioxane	7.74	88	62849	1026.211	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	788197	269.448	ug/l	99
52) Toluene	8.78	92	292730	53.096	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	162636	52.184	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	179718	53.064	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	120437	52.968	ug/l	99
56) Ethyl methacrylate	9.18	69	184677	53.616	ug/l	96
57) 1,3-Dichloropropane	9.37	76	187943	53.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	385870	235.881	ug/l	99
59) 2-Hexanone	9.49	43	628635	273.051	ug/l	97
60) Dibromochloromethane	9.58	129	129670	50.934	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129098	52.601	ug/l	99
64) Tetrachloroethene	9.33	164	127345	51.400	ug/l	98
65) Chlorobenzene	10.13	112	329811	53.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	121141	53.479	ug/l	99
67) Ethyl Benzene	10.25	91	574694	54.740	ug/l	100
68) m/p-Xylenes	10.35	106	446038	109.647	ug/l	99
69) o-Xylene	10.69	106	216009	53.996	ug/l	100
70) Styrene	10.71	104	370541	55.231	ug/l	99
71) Bromoform	10.85	173	99475	50.498	ug/l #	97
73) Isopropylbenzene	11.02	105	577848	51.207	ug/l	99
74) N-amyl acetate	10.90	43	223732	52.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	185567	49.655	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	154554m	50.949	ug/l	
77) Bromobenzene	11.25	156	155036	49.203	ug/l	96
78) n-propylbenzene	11.36	91	664634	53.590	ug/l	99
79) 2-Chlorotoluene	11.42	91	381093	51.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	492537	52.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	58779	45.204	ug/l	93
82) 4-Chlorotoluene	11.51	91	447302	53.227	ug/l	100
83) tert-Butylbenzene	11.77	119	483717	51.806	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497143	53.191	ug/l	99
85) sec-Butylbenzene	11.94	105	581529	53.045	ug/l	99
86) p-Isopropyltoluene	12.06	119	544314	53.678	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	280705	51.035	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	282293	50.414	ug/l	99
89) n-Butylbenzene	12.38	91	480199	55.728	ug/l	99
90) Hexachloroethane	12.60	117	86332	49.237	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	273314	49.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38189	47.396	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	196569	51.852	ug/l	98
94) Hexachlorobutadiene	13.78	225	97088	52.402	ug/l	99
95) Naphthalene	13.83	128	578406	49.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	194133	51.505	ug/l	99

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

