

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010736.D
 Acq On : 09 Jul 2019 07:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:26 AM

Quant Time: Jul 09 08:21:45 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	5.67	168	210586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158562	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	104055	52.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.40%	
35) Dibromofluoromethane	5.50	113	99573	49.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.74%	
50) Toluene-d8	8.71	98	357037	46.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	11.13	95	134982	48.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	87762	59.945	ug/l	99
3) Chloromethane	1.32	50	95351	55.931	ug/l	100
4) Vinyl Chloride	1.41	62	102593	54.943	ug/l	98
5) Bromomethane	1.64	94	53245	58.530	ug/l	100
6) Chloroethane	1.71	64	64010	58.104	ug/l	100
7) Trichlorofluoromethane	1.92	101	169401	57.229	ug/l	100
8) Diethyl Ether	2.19	74	61676	58.101	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92100	51.343	ug/l	99
10) Methyl Iodide	2.51	142	125597	49.061	ug/l	97
11) Tert butyl alcohol	3.06	59	124276	240.542	ug/l	98
12) 1,1-Dichloroethene	2.37	96	97417	53.370	ug/l	97
13) Acrolein	2.29	56	66652	194.472	ug/l	99
14) Allyl chloride	2.73	41	139646	53.888	ug/l	98
15) Acrylonitrile	3.14	53	288775	282.308	ug/l	100
16) Acetone	2.45	43	235691	238.183	ug/l	97
17) Carbon Disulfide	2.57	76	243285	49.680	ug/l	100
18) Methyl Acetate	2.78	43	121436	61.574	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	323123	56.271	ug/l	98
20) Methylene Chloride	2.85	84	112590	55.289	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	103493	52.718	ug/l	99
22) Diisopropyl ether	3.85	45	304329	56.169	ug/l	96
23) Vinyl Acetate	3.81	43	1305790	278.977	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173215	55.308	ug/l	100
25) 2-Butanone	4.67	43	385874	265.840	ug/l	100
26) 2,2-Dichloropropane	4.59	77	80271	29.505	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	122055	53.803	ug/l	98
28) Bromochloromethane	5.01	49	73719	49.232	ug/l	96
29) Tetrahydrofuran	5.13	42	256257	285.020	ug/l	98
30) Chloroform	5.21	83	188111	55.824	ug/l	100
31) Cyclohexane	5.58	56	149226	52.324	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	161957	54.432	ug/l	99
36) 1,1-Dichloropropene	5.80	75	130111	50.170	ug/l	98
37) Ethyl Acetate	4.83	43	148479	55.653	ug/l	99
38) Carbon Tetrachloride	5.79	117	142244	50.652	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160548	47.096	ug/l	98
40) Benzene	6.14	78	422282	52.265	ug/l	99
41) Methacrylonitrile	5.04	41	81283	55.526	ug/l	98
42) 1,2-Dichloroethane	6.19	62	141061	57.355	ug/l	98
43) Isopropyl Acetate	6.44	43	240973	54.592	ug/l	98
44) Trichloroethene	7.21	130	119948	49.614	ug/l	99
45) 1,2-Dichloropropane	7.51	63	107113	52.498	ug/l	99
46) Dibromomethane	7.66	93	77432	52.895	ug/l	98
47) Bromodichloromethane	7.90	83	140935	52.534	ug/l	99
48) Methyl methacrylate	7.77	41	116160	56.615	ug/l	97
49) 1,4-Dioxane	7.74	88	59591	1008.219	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	792794	280.825	ug/l	98
52) Toluene	8.78	92	272526	51.220	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	142856	47.496	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158309	48.434	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116100	52.908	ug/l	99
56) Ethyl methacrylate	9.18	69	180178	54.202	ug/l	97
57) 1,3-Dichloropropane	9.37	76	179406	52.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	378762	239.913	ug/l	99
59) 2-Hexanone	9.49	43	612317	275.586	ug/l	97
60) Dibromochloromethane	9.58	129	125109	50.920	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125474	52.975	ug/l	100
64) Tetrachloroethene	9.34	164	117217	48.503	ug/l	97
65) Chlorobenzene	10.14	112	309805	51.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115088	52.087	ug/l	100
67) Ethyl Benzene	10.25	91	521886	50.962	ug/l	99
68) m/p-Xylenes	10.36	106	409100	103.099	ug/l	99
69) o-Xylene	10.69	106	199102	51.023	ug/l	97
70) Styrene	10.71	104	346114	52.889	ug/l	99
71) Bromoform	10.85	173	96464	50.203	ug/l #	100
73) Isopropylbenzene	11.02	105	529304	49.244	ug/l	98
74) N-amyl acetate	10.90	43	218103	53.692	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183183	51.461	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	148141m	51.270	ug/l	
77) Bromobenzene	11.26	156	148286	49.407	ug/l	98
78) n-propylbenzene	11.36	91	583782	49.418	ug/l	99
79) 2-Chlorotoluene	11.42	91	350718	49.857	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	446368	50.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47291	38.182	ug/l	93
82) 4-Chlorotoluene	11.51	91	404195	50.496	ug/l	100
83) tert-Butylbenzene	11.77	119	440433	49.523	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	452583	50.838	ug/l	99
85) sec-Butylbenzene	11.94	105	513445	49.170	ug/l	100
86) p-Isopropyltoluene	12.06	119	476928	49.378	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255754	48.818	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	254999	47.810	ug/l	99
89) n-Butylbenzene	12.38	91	400740	48.826	ug/l	99
90) Hexachloroethane	12.60	117	78311	46.889	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	255905	49.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38516	50.185	ug/l	92

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93) 1,2,4-Trichlorobenzene	13.65	180	172649	47.814	ug/l	100
94) Hexachlorobutadiene	13.78	225	79642	45.129	ug/l	98
95) Naphthalene	13.83	128	565630	50.974	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	179131	49.895	ug/l	100

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

