

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012929.D
 Acq On : 09 Oct 2019 09:33
 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
 10/10/2019 9:33:02 AM

Quant Time: Oct 10 01:56:52 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	187258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	111790	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.48	113	90253	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.71	98	343800	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	134668	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	103012	53.968	ug/l	97
3) Chloromethane	1.32	50	102705	49.441	ug/l	97
4) Vinyl Chloride	1.40	62	108452	50.581	ug/l	100
5) Bromomethane	1.63	94	39961	44.835	ug/l	100
6) Chloroethane	1.71	64	65137	49.736	ug/l	99
7) Trichlorofluoromethane	1.92	101	151986	52.519	ug/l	99
8) Diethyl Ether	2.18	74	60195	51.532	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100611	53.718	ug/l	98
10) Methyl Iodide	2.50	142	99740	47.311	ug/l	99
11) Tert butyl alcohol	3.03	59	127542	205.566	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97684	51.621	ug/l	96
13) Acrolein	2.28	56	90207	204.588	ug/l	100
14) Allyl chloride	2.72	41	171642	50.933	ug/l	99
15) Acrylonitrile	3.13	53	284882	242.291	ug/l	99
16) Acetone	2.43	43	363666	294.784	ug/l	100
17) Carbon Disulfide	2.56	76	263110	48.762	ug/l	99
18) Methyl Acetate	2.76	43	135842	46.456	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	339609	51.968	ug/l	100
20) Methylene Chloride	2.84	84	109723	48.395	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106153	52.337	ug/l	94
22) Diisopropyl ether	3.84	45	337821	52.314	ug/l	99
23) Vinyl Acetate	3.80	43	1463912	262.604	ug/l	100
24) 1,1-Dichloroethane	3.69	63	188799	51.970	ug/l	98
25) 2-Butanone	4.65	43	449473	262.612	ug/l	100
26) 2,2-Dichloropropane	4.57	77	164123	53.725	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	119299	51.028	ug/l	100
28) Bromochloromethane	5.00	49	55937	51.536	ug/l	98
29) Tetrahydrofuran	5.11	42	250086	237.447	ug/l	99
30) Chloroform	5.20	83	190628	51.140	ug/l	99
31) Cyclohexane	5.57	56	176948	52.090	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	167848	53.143	ug/l	99
36) 1,1-Dichloropropene	5.78	75	144660	53.827	ug/l	99
37) Ethyl Acetate	4.81	43	152126	50.622	ug/l	99
38) Carbon Tetrachloride	5.78	117	142181	54.354	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	186752	57.300	ug/l	100
40) Benzene	6.13	78	429279	54.082	ug/l	100
41) Methacrylonitrile	5.03	41	85932	52.040	ug/l	98
42) 1,2-Dichloroethane	6.18	62	153226	53.797	ug/l	100
43) Isopropyl Acetate	6.43	43	252430	52.336	ug/l	100
44) Trichloroethene	7.20	130	114246	51.904	ug/l	96
45) 1,2-Dichloropropane	7.51	63	108295	53.532	ug/l	100
46) Dibromomethane	7.65	93	73336	54.410	ug/l	98
47) Bromodichloromethane	7.89	83	144633	54.986	ug/l	99
48) Methyl methacrylate	7.76	41	121654	51.758	ug/l	99
49) 1,4-Dioxane	7.73	88	55819	888.990	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	762358	253.509	ug/l	100
52) Toluene	8.78	92	273602	53.879	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	160521	48.949	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179686	55.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106269	52.880	ug/l	97
56) Ethyl methacrylate	9.17	69	175407	48.789	ug/l	100
57) 1,3-Dichloropropane	9.36	76	182793	52.583	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	399676	270.728	ug/l	100
59) 2-Hexanone	9.48	43	619685	264.718	ug/l	100
60) Dibromochloromethane	9.57	129	110373	49.378	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113047	53.475	ug/l	99
64) Tetrachloroethene	9.33	164	105951	55.888	ug/l	98
65) Chlorobenzene	10.14	112	285054	52.517	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	104470	55.512	ug/l	99
67) Ethyl Benzene	10.25	91	527064	54.667	ug/l	99
68) m/p-Xylenes	10.35	106	397379	110.327	ug/l	100
69) o-Xylene	10.70	106	191102	54.407	ug/l	100
70) Styrene	10.71	104	331830	55.572	ug/l	99
71) Bromoform	10.85	173	75354	47.189	ug/l #	100
73) Isopropylbenzene	11.01	105	519331	54.280	ug/l	99
74) N-amyl acetate	10.89	43	219733	53.326	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162490	51.062	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	135958m	47.104	ug/l	
77) Bromobenzene	11.25	156	117322	52.037	ug/l	95
78) n-propylbenzene	11.35	91	584690	55.537	ug/l	98
79) 2-Chlorotoluene	11.42	91	346834	52.419	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	432138	54.091	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53324	47.710	ug/l	99
82) 4-Chlorotoluene	11.51	91	405955	53.529	ug/l	99
83) tert-Butylbenzene	11.76	119	411835	52.845	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	442753	54.721	ug/l	99
85) sec-Butylbenzene	11.94	105	492229	54.518	ug/l	100
86) p-Isopropyltoluene	12.06	119	467361	55.813	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	217110	51.856	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	221534	52.245	ug/l	99
89) n-Butylbenzene	12.39	91	407836	57.950	ug/l	100
90) Hexachloroethane	12.59	117	76683	49.467	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	215434	52.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38598	51.750	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	138325	53.798	ug/l	98
94) Hexachlorobutadiene	13.78	225	64329	54.212	ug/l	99
95) Naphthalene	13.83	128	474252	53.208	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136385	51.329	ug/l	97

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

