

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110719\
 Data File : VX013345.D
 Acq On : 07 Nov 2019 11:44
 Operator : JC/SP
 Sample : VX1107WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:08 AM

Quant Time: Nov 07 16:29:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	824346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1216778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1091627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	549865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	494350	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.48	113	406403	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	8.71	98	1558129	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
62) 4-Bromofluorobenzene	11.13	95	550056	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	191492	20.161	ug/l	99
3) Chloromethane	1.31	50	206447	20.043	ug/l	99
4) Vinyl Chloride	1.40	62	235090	20.048	ug/l	100
5) Bromomethane	1.62	94	142578	17.448	ug/l	96
6) Chloroethane	1.71	64	131037	18.805	ug/l	97
7) Trichlorofluoromethane	1.92	101	265238	19.145	ug/l	99
8) Diethyl Ether	2.17	74	118832	19.397	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	163956	21.233	ug/l	98
10) Methyl Iodide	2.50	142	173224	18.120	ug/l	98
11) Tert butyl alcohol	3.02	59	213853	83.080	ug/l	98
12) 1,1-Dichloroethene	2.36	96	159392	21.079	ug/l	100
13) Acrolein	2.28	56	104951	75.230	ug/l	96
14) Allyl chloride	2.72	41	283346	20.623	ug/l	97
15) Acrylonitrile	3.12	53	473134	98.401	ug/l	99
16) Acetone	2.42	43	468180	96.112	ug/l	99
17) Carbon Disulfide	2.56	76	407014	20.110	ug/l	98
18) Methyl Acetate	2.76	43	265555	19.746	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	534145	21.179	ug/l	100
20) Methylene Chloride	2.84	84	177951	19.772	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	165519	20.104	ug/l	97
22) Diisopropyl ether	3.84	45	571922	21.562	ug/l	95
23) Vinyl Acetate	3.80	43	2336155	102.927	ug/l	99
24) 1,1-Dichloroethane	3.68	63	306606	20.663	ug/l	100
25) 2-Butanone	4.65	43	691838	96.813	ug/l	99
26) 2,2-Dichloropropane	4.57	77	250224	21.198	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	191715	20.787	ug/l	99
28) Bromochloromethane	5.00	49	88678	21.048	ug/l	99
29) Tetrahydrofuran	5.11	42	425205	96.556	ug/l	99
30) Chloroform	5.19	83	302737	20.662	ug/l	99
31) Cyclohexane	5.56	56	273683	20.498	ug/l	91
32) 1,1,1-Trichloroethane	5.48	97	254860	20.212	ug/l	99
36) 1,1-Dichloropropene	5.79	75	227135	21.759	ug/l	98
37) Ethyl Acetate	4.81	43	260410	20.189	ug/l	100
38) Carbon Tetrachloride	5.76	117	220428	21.595	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	285251	21.931	ug/l	98
40) Benzene	6.13	78	694286	21.352	ug/l	99
41) Methacrylonitrile	5.02	41	140668	19.457	ug/l	97
42) 1,2-Dichloroethane	6.18	62	250529	21.361	ug/l	99
43) Isopropyl Acetate	6.43	43	419491	20.886	ug/l	99
44) Trichloroethene	7.20	130	184359	20.598	ug/l	96
45) 1,2-Dichloropropane	7.50	63	179742	21.695	ug/l	99
46) Dibromomethane	7.65	93	116837	20.655	ug/l	99
47) Bromodichloromethane	7.89	83	231842	21.735	ug/l	98
48) Methyl methacrylate	7.76	41	209916	20.937	ug/l	99
49) 1,4-Dioxane	7.73	88	87142	379.526	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1327514	100.740	ug/l	99
52) Toluene	8.78	92	438362	21.752	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	255389	21.895	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	287662	22.047	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	178290	21.344	ug/l	99
56) Ethyl methacrylate	9.17	69	281972	20.718	ug/l	98
57) 1,3-Dichloropropane	9.36	76	301849	21.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	602028	105.407	ug/l	99
59) 2-Hexanone	9.48	43	1046133	102.730	ug/l	100
60) Dibromochloromethane	9.57	129	186522	21.833	ug/l	99
61) 1,2-Dibromoethane	9.67	107	185863	20.954	ug/l	100
64) Tetrachloroethene	9.33	164	172354	22.055	ug/l	95
65) Chlorobenzene	10.13	112	467784	21.166	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	175293	21.602	ug/l	100
67) Ethyl Benzene	10.25	91	836063	21.919	ug/l	99
68) m/p-Xylenes	10.35	106	634972	44.018	ug/l	99
69) o-Xylene	10.69	106	307137	21.747	ug/l	99
70) Styrene	10.71	104	526173	22.288	ug/l	99
71) Bromoform	10.85	173	140843	20.723	ug/l #	99
73) Isopropylbenzene	11.01	105	833418	22.860	ug/l	100
74) N-amyl acetate	10.89	43	374371	22.144	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	282469	21.238	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	228802m	20.486	ug/l	
77) Bromobenzene	11.25	156	212091	21.822	ug/l	98
78) n-propylbenzene	11.35	91	945258	23.276	ug/l	100
79) 2-Chlorotoluene	11.42	91	552931	22.598	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	704065	23.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	88934	20.496	ug/l	98
82) 4-Chlorotoluene	11.51	91	638004	22.275	ug/l	100
83) tert-Butylbenzene	11.76	119	704984	23.063	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	699433	22.961	ug/l	99
85) sec-Butylbenzene	11.94	105	814979	23.198	ug/l	100
86) p-Isopropyltoluene	12.06	119	750674	23.204	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	382169	22.060	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	385110	21.818	ug/l	99
89) n-Butylbenzene	12.38	91	642208	22.751	ug/l	99
90) Hexachloroethane	12.59	117	130418	22.627	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	385504	22.261	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	58522	18.061	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	266157	22.034	ug/l	100
94) Hexachlorobutadiene	13.77	225	126002	21.321	ug/l	99
95) Naphthalene	13.83	128	815022	21.505	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	271254	22.391	ug/l	97

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

