

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012436.D
 Acq On : 17 Sep 2019 16:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:20:24 AM

Quant Time: Sep 18 03:39:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119434	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	5.48	113	86714	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.71	98	324645	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	134604	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	57850	49.381	ug/l 96
3) Chloromethane	1.31	50	46562	48.229	ug/l 98
4) Vinyl Chloride	1.40	62	50630	48.521	ug/l 96
5) Bromomethane	1.62	94	18974	46.283	ug/l 93
6) Chloroethane	1.71	64	36344	44.509	ug/l 98
7) Trichlorofluoromethane	1.92	101	97567	51.007	ug/l 99
8) Diethyl Ether	2.17	74	40310	46.656	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70392	50.862	ug/l 98
10) Methyl Iodide	2.50	142	50500	43.185	ug/l 99
11) Tert butyl alcohol	3.03	59	136001	212.198	ug/l 99
12) 1,1-Dichloroethene	2.36	96	54480	49.345	ug/l 97
13) Acrolein	2.28	56	44252	199.898	ug/l 97
14) Allyl chloride	2.72	41	125487	48.820	ug/l 98
15) Acrylonitrile	3.13	53	248933	228.247	ug/l 99
16) Acetone	2.43	43	266604	231.234	ug/l 100
17) Carbon Disulfide	2.56	76	72531	46.581	ug/l 98
18) Methyl Acetate	2.76	43	119585	45.598	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	290266	48.219	ug/l 99
20) Methylene Chloride	2.84	84	72165	47.378	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	56490	49.272	ug/l 90
22) Diisopropyl ether	3.84	45	288076	47.866	ug/l 95
23) Vinyl Acetate	3.80	43	1226452	247.729	ug/l 99
24) 1,1-Dichloroethane	3.68	63	141648	49.191	ug/l 98
25) 2-Butanone	4.65	43	383530	219.685	ug/l 99
26) 2,2-Dichloropropane	4.56	77	136966	48.364	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	83549	48.783	ug/l 98
28) Bromochloromethane	5.00	49	67657	45.575	ug/l 97
29) Tetrahydrofuran	5.11	42	223931	232.183	ug/l 100
30) Chloroform	5.20	83	155061	46.887	ug/l 98
31) Cyclohexane	5.56	56	89119	51.269	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	134571	48.686	ug/l 100
36) 1,1-Dichloropropene	5.78	75	87444	49.655	ug/l 97
37) Ethyl Acetate	4.81	43	134650	49.811	ug/l 99
38) Carbon Tetrachloride	5.77	117	111094	50.722	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	91839	53.645	ug/l	98
40) Benzene	6.13	78	281290	50.230	ug/l	95
41) Methacrylonitrile	5.03	41	81528	46.839	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126561	48.727	ug/l	99
43) Isopropyl Acetate	6.43	43	236035	48.649	ug/l	100
44) Trichloroethene	7.20	130	75481	51.239	ug/l	98
45) 1,2-Dichloropropane	7.50	63	83264	48.396	ug/l	99
46) Dibromomethane	7.65	93	54536	48.983	ug/l	99
47) Bromodichloromethane	7.89	83	125133	50.477	ug/l	97
48) Methyl methacrylate	7.76	41	110498	48.314	ug/l	99
49) 1,4-Dioxane	7.73	88	47626	855.612	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	753052	236.680	ug/l	100
52) Toluene	8.78	92	184712	51.188	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	134047	52.019	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	138438	51.892	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	89229	47.996	ug/l	95
56) Ethyl methacrylate	9.17	69	143094	49.230	ug/l	99
57) 1,3-Dichloropropane	9.36	76	145130	48.928	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	382479	254.207	ug/l	99
59) 2-Hexanone	9.48	43	583939	235.243	ug/l	99
60) Dibromochloromethane	9.57	129	99292	52.434	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86122	50.723	ug/l	98
64) Tetrachloroethene	9.33	164	62179	52.612	ug/l	98
65) Chlorobenzene	10.14	112	216789	50.928	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	91546	51.819	ug/l	99
67) Ethyl Benzene	10.25	91	376605	51.495	ug/l	99
68) m/p-Xylenes	10.35	106	280144	105.279	ug/l	99
69) o-Xylene	10.70	106	141660	51.766	ug/l	99
70) Styrene	10.71	104	256109	52.895	ug/l	99
71) Bromoform	10.85	173	69690	46.055	ug/l #	100
73) Isopropylbenzene	11.01	105	404422	50.158	ug/l	100
74) N-amyl acetate	10.89	43	214619	49.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	150550	47.599	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	144495m	48.951	ug/l	
77) Bromobenzene	11.25	156	97361	49.512	ug/l	100
78) n-propylbenzene	11.35	91	461883	51.398	ug/l	99
79) 2-Chlorotoluene	11.42	91	286614	49.026	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	358236	52.097	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48299	45.235	ug/l	98
82) 4-Chlorotoluene	11.51	91	341054	50.830	ug/l	100
83) tert-Butylbenzene	11.76	119	368455	50.005	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	360074	50.999	ug/l	100
85) sec-Butylbenzene	11.94	105	422872	52.082	ug/l	99
86) p-Isopropyltoluene	12.06	119	395083	52.991	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188654	51.002	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193785	51.001	ug/l	98
89) n-Butylbenzene	12.38	91	348534	52.393	ug/l	100
90) Hexachloroethane	12.59	117	71966	52.643	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	192936	49.905	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40951	49.941	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132030	53.019	ug/l	98
94) Hexachlorobutadiene	13.77	225	61383	52.300	ug/l	99
95) Naphthalene	13.83	128	463925	52.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135921	53.563	ug/l	100

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

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