

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012462.D
 Acq On : 18 Sep 2019 10:30
 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
 9/19/2019 1:04:16 PM

Quant Time: Sep 18 14:06:55 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	206576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	335531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	156627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	138616	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.48	113	101259	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	378115	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	158389	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66556	48.304	ug/l	97
3) Chloromethane	1.32	50	52844	46.530	ug/l	98
4) Vinyl Chloride	1.40	62	57644	46.961	ug/l	96
5) Bromomethane	1.63	94	21982	45.582	ug/l	97
6) Chloroethane	1.71	64	40385	42.044	ug/l	95
7) Trichlorofluoromethane	1.92	101	114042	50.682	ug/l	100
8) Diethyl Ether	2.18	74	46809	46.056	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81161	49.851	ug/l	99
10) Methyl Iodide	2.50	142	52051	38.388	ug/l	98
11) Tert butyl alcohol	3.03	59	150853	199.743	ug/l	100
12) 1,1-Dichloroethene	2.36	96	63533	48.918	ug/l	98
13) Acrolein	2.28	56	46463	178.240	ug/l	98
14) Allyl chloride	2.72	41	142906	47.262	ug/l	100
15) Acrylonitrile	3.13	53	284700	221.908	ug/l	99
16) Acetone	2.43	43	348992	258.242	ug/l	98
17) Carbon Disulfide	2.56	76	80426	44.012	ug/l	100
18) Methyl Acetate	2.76	43	134081	43.461	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	327537	46.254	ug/l	99
20) Methylene Chloride	2.84	84	82427	46.003	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	65696	48.712	ug/l	96
22) Diisopropyl ether	3.84	45	328255	46.365	ug/l	94
23) Vinyl Acetate	3.80	43	1380474	237.039	ug/l	100
24) 1,1-Dichloroethane	3.69	63	161185	47.584	ug/l	98
25) 2-Butanone	4.65	43	454936	221.521	ug/l	98
26) 2,2-Dichloropropane	4.57	77	155360	46.635	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96342	47.820	ug/l	98
28) Bromochloromethane	5.00	49	84613	48.452	ug/l	98
29) Tetrahydrofuran	5.11	42	254014	223.892	ug/l	99
30) Chloroform	5.19	83	178871	45.979	ug/l	97
31) Cyclohexane	5.56	56	101532	49.653	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	155629	47.864	ug/l	99
36) 1,1-Dichloropropene	5.78	75	100451	49.260	ug/l	98
37) Ethyl Acetate	4.81	43	151771	48.487	ug/l	99
38) Carbon Tetrachloride	5.77	117	127441	50.249	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	104863	52.898	ug/l	98
40) Benzene	6.13	78	321163	49.527	ug/l	98
41) Methacrylonitrile	5.02	41	91812	45.553	ug/l	98
42) 1,2-Dichloroethane	6.18	62	145359	48.330	ug/l	100
43) Isopropyl Acetate	6.43	43	262122	46.657	ug/l	100
44) Trichloroethene	7.20	130	89881	52.692	ug/l	99
45) 1,2-Dichloropropane	7.50	63	95785	48.079	ug/l	96
46) Dibromomethane	7.65	93	63279	49.083	ug/l	100
47) Bromodichloromethane	7.89	83	144146	50.215	ug/l	100
48) Methyl methacrylate	7.76	41	124826	47.134	ug/l	99
49) 1,4-Dioxane	7.73	88	57901	898.316	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	845726	229.549	ug/l	100
52) Toluene	8.78	92	210018	50.262	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	151614	50.810	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158145	51.193	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	105061	48.804	ug/l	96
56) Ethyl methacrylate	9.17	69	164665	48.924	ug/l	97
57) 1,3-Dichloropropane	9.37	76	169578	49.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	450756	258.721	ug/l	100
59) 2-Hexanone	9.48	43	660020	229.624	ug/l	98
60) Dibromochloromethane	9.57	129	114123	52.045	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100276	51.003	ug/l	98
64) Tetrachloroethene	9.33	164	77793	55.899	ug/l	92
65) Chlorobenzene	10.14	112	250941	50.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	105900	50.905	ug/l	99
67) Ethyl Benzene	10.25	91	434840	50.493	ug/l	99
68) m/p-Xylenes	10.36	106	328570	104.860	ug/l	98
69) o-Xylene	10.69	106	166084	51.540	ug/l	99
70) Styrene	10.71	104	297539	52.186	ug/l	98
71) Bromoform	10.85	173	80551	45.259	ug/l #	99
73) Isopropylbenzene	11.01	105	466000	47.418	ug/l	98
74) N-amyl acetate	10.89	43	235288	44.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167825	43.534	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	167160m	46.461	ug/l	
77) Bromobenzene	11.25	156	113464	47.341	ug/l	99
78) n-propylbenzene	11.35	91	538308	49.147	ug/l	99
79) 2-Chlorotoluene	11.42	91	333214	46.763	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	404806	48.299	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54088	41.813	ug/l	97
82) 4-Chlorotoluene	11.51	91	393301	48.092	ug/l	100
83) tert-Butylbenzene	11.76	119	419525	46.713	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	413730	48.077	ug/l	99
85) sec-Butylbenzene	11.94	105	485089	49.018	ug/l	99
86) p-Isopropyltoluene	12.06	119	449319	49.445	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	221361	49.099	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	224193	48.410	ug/l	99
89) n-Butylbenzene	12.39	91	405971	50.070	ug/l	99
90) Hexachloroethane	12.59	117	79582	47.762	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	221578	47.023	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44457	44.482	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	157991	52.053	ug/l	99
94) Hexachlorobutadiene	13.78	225	67690	47.318	ug/l	98
95) Naphthalene	13.83	128	537310	49.752	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	159246	51.487	ug/l	99

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

