

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091518\
 Data File : VX004577.D
 Acq On : 15 Sep 2018 11:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 6:27:23 PM

Quant Time: Sep 17 07:21:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	274113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178638	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.49	113	157950	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.71	98	524328	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.14	95	193371	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133273	51.88	ug/l	99
3) Chloromethane	1.32	50	165273	46.75	ug/l	93
4) Vinyl Chloride	1.40	62	180032	49.61	ug/l	98
5) Bromomethane	1.64	94	78100	51.44	ug/l	93
6) Chloroethane	1.72	64	114181	48.66	ug/l	97
7) Trichlorofluoromethane	1.93	101	241278	50.16	ug/l	97
8) Diethyl Ether	2.18	74	109004	50.54	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	161288	52.85	ug/l	98
10) Methyl Iodide	2.51	142	147265	41.19	ug/l	96
11) Tert butyl alcohol	3.06	59	191798	227.42	ug/l	99
12) 1,1-Dichloroethene	2.37	96	151333	52.84	ug/l	85
13) Acrolein	2.29	56	79704	239.41	ug/l	97
14) Allyl chloride	2.73	41	291665	49.53	ug/l	96
15) Acrylonitrile	3.14	53	481625	237.15	ug/l	99
16) Acetone	2.44	43	439926	255.02	ug/l	98
17) Carbon Disulfide	2.57	76	423623	51.17	ug/l	99
18) Methyl Acetate	2.78	43	235009	48.56	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	514634	51.21	ug/l	98
20) Methylene Chloride	2.85	84	172053	48.62	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	164229	51.89	ug/l	95
22) Diisopropyl ether	3.87	45	532891	50.25	ug/l	98
23) Vinyl Acetate	3.82	43	2255368	262.79	ug/l	99
24) 1,1-Dichloroethane	3.70	63	308443	51.51	ug/l	99
25) 2-Butanone	4.70	43	628782	229.02	ug/l	93
26) 2,2-Dichloropropane	4.59	77	237171	57.67	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	184945	52.35	ug/l	99
28) Bromochloromethane	5.02	49	138056	50.41	ug/l	99
29) Tetrahydrofuran	5.15	42	397182	239.89	ug/l	97
30) Chloroform	5.21	83	291824	49.92	ug/l	100
31) Cyclohexane	5.57	56	295067	57.71	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	250177	53.14	ug/l	99
36) 1,1-Dichloropropene	5.80	75	223326	53.71	ug/l	98
37) Ethyl Acetate	4.85	43	227893	48.19	ug/l	99
38) Carbon Tetrachloride	5.79	117	210313	51.78	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259126	59.72	ug/l	90
40) Benzene	6.14	78	692658	56.14	ug/l	96
41) Methacrylonitrile	5.06	41	132738	50.94	ug/l	98
42) 1,2-Dichloroethane	6.20	62	218143	53.31	ug/l	99
43) Isopropyl Acetate	6.46	43	364759	58.07	ug/l	99
44) Trichloroethene	7.21	130	166620	51.98	ug/l	95
45) 1,2-Dichloropropane	7.51	63	155135	52.26	ug/l	100
46) Dibromomethane	7.66	93	96214	51.30	ug/l	99
47) Bromodichloromethane	7.90	83	185374	52.27	ug/l	100
48) Methyl methacrylate	7.77	41	161401	51.92	ug/l	98
49) 1,4-Dioxane	7.75	88	74100	1007.11	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1016555	229.32	ug/l	99
52) Toluene	8.79	92	372120	51.19	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	215746	52.07	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	237328	56.19	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	149954	47.91	ug/l	98
56) Ethyl methacrylate	9.18	69	227309	51.34	ug/l	98
57) 1,3-Dichloropropane	9.37	76	248863	48.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	340730	153.92	ug/l	96
59) 2-Hexanone	9.49	43	787283	231.54	ug/l	99
60) Dibromochloromethane	9.59	129	153558	52.11	ug/l	100
61) 1,2-Dibromoethane	9.67	107	153671	51.40	ug/l	99
64) Tetrachloroethene	9.34	164	187298	47.03	ug/l	99
65) Chlorobenzene	10.14	112	422212	53.29	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	147185	53.87	ug/l	100
67) Ethyl Benzene	10.25	91	720590	55.94	ug/l	98
68) m/p-Xylenes	10.36	106	563953	113.65	ug/l	97
69) o-Xylene	10.70	106	272757	57.17	ug/l	100
70) Styrene	10.71	104	454289	57.48	ug/l	98
71) Bromoform	10.86	173	121068	53.97	ug/l	100
73) Isopropylbenzene	11.02	105	740466	46.75	ug/l	100
74) N-amyl acetate	10.90	43	288278	43.24	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	211807	41.45	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	202781m	41.91	ug/l	
77) Bromobenzene	11.26	156	195505	44.65	ug/l	99
78) n-propylbenzene	11.36	91	861854	47.32	ug/l	100
79) 2-Chlorotoluene	11.42	91	495403	44.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	624757	46.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68911	45.39	ug/l	94
82) 4-Chlorotoluene	11.51	91	581919	45.14	ug/l	98
83) tert-Butylbenzene	11.77	119	704007	55.53	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	768329	56.51	ug/l	98
85) sec-Butylbenzene	11.94	105	924280	57.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	870688	61.03	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	433055	53.01	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	440377	52.17	ug/l	98
89) n-Butylbenzene	12.39	91	667333	51.33	ug/l	99
90) Hexachloroethane	12.60	117	115751	50.68	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	380683	46.04	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53278	48.84	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	346844	59.25	ug/l	98
94) Hexachlorobutadiene	13.79	225	176539	57.73	ug/l	98
95) Naphthalene	13.83	128	915318	55.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	335367	55.76	ug/l	98

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

