

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091118\
 Data File : VX004482.D
 Acq On : 11 Sep 2018 22:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 11:26:55 AM

Quant Time: Sep 12 07:49:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 15:21:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157170	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	133432	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
50) Toluene-d8	8.72	98	520526	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.14	95	188596	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119123	54.63	ug/l	99
3) Chloromethane	1.32	50	161646	53.86	ug/l	98
4) Vinyl Chloride	1.40	62	167626	54.42	ug/l	99
5) Bromomethane	1.64	94	81592	63.58	ug/l	99
6) Chloroethane	1.71	64	105115	52.77	ug/l	98
7) Trichlorofluoromethane	1.92	101	218936	53.62	ug/l	95
8) Diethyl Ether	2.19	74	98484	53.80	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138887	53.62	ug/l	99
10) Methyl Iodide	2.51	142	153192	49.52	ug/l	99
11) Tert butyl alcohol	3.08	59	191949	268.12	ug/l	100
12) 1,1-Dichloroethene	2.37	96	129845	53.41	ug/l	96
13) Acrolein	2.29	56	85265	301.72	ug/l	98
14) Allyl chloride	2.72	41	269664	53.95	ug/l	95
15) Acrylonitrile	3.15	53	472800	274.25	ug/l	99
16) Acetone	2.45	43	380328	259.73	ug/l	99
17) Carbon Disulfide	2.57	76	382209	54.39	ug/l	98
18) Methyl Acetate	2.78	43	274322	66.77	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	462302	54.19	ug/l	98
20) Methylene Chloride	2.85	84	155991	51.93	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	140486	52.29	ug/l	98
22) Diisopropyl ether	3.87	45	477160	53.00	ug/l	97
23) Vinyl Acetate	3.82	43	1879492	257.99	ug/l	98
24) 1,1-Dichloroethane	3.69	63	278840	54.86	ug/l	97
25) 2-Butanone	4.71	43	596034	255.75	ug/l	96
26) 2,2-Dichloropropane	4.57	77	151462	43.39	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	155023	51.69	ug/l	96
28) Bromochloromethane	5.02	49	127899	55.01	ug/l	95
29) Tetrahydrofuran	5.16	42	390107	277.57	ug/l	97
30) Chloroform	5.22	83	260656	52.53	ug/l	86
31) Cyclohexane	5.57	56	234472	54.03	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	211233	52.85	ug/l	99
36) 1,1-Dichloropropene	5.80	75	189804	46.42	ug/l	100
37) Ethyl Acetate	4.87	43	213853	45.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	184364	46.16	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231371	54.22	ug/l	98
40) Benzene	6.14	78	582582	48.02	ug/l	100
41) Methacrylonitrile	5.06	41	130645	50.98	ug/l	97
42) 1,2-Dichloroethane	6.20	62	194545	48.35	ug/l	98
43) Isopropyl Acetate	6.47	43	321267	52.01	ug/l	99
44) Trichloroethene	7.21	130	158679	50.34	ug/l	76
45) 1,2-Dichloropropane	7.52	63	152231	52.14	ug/l	99
46) Dibromomethane	7.66	93	97803	53.03	ug/l	98
47) Bromodichloromethane	7.90	83	186595	53.50	ug/l	99
48) Methyl methacrylate	7.78	41	174427	57.06	ug/l	97
49) 1,4-Dioxane	7.76	88	79262	1095.47	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1129654	259.14	ug/l	97
52) Toluene	8.79	92	366003	51.20	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	203100	49.85	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	223731	53.87	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	149513	48.58	ug/l	98
56) Ethyl methacrylate	9.18	69	226835	52.10	ug/l	97
57) 1,3-Dichloropropane	9.37	76	247487	49.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	586323	263.88	ug/l	95
59) 2-Hexanone	9.50	43	866154	259.04	ug/l	97
60) Dibromochloromethane	9.59	129	150786	52.04	ug/l	100
61) 1,2-Dibromoethane	9.68	107	154676	52.61	ug/l	100
64) Tetrachloroethene	9.34	164	186647	45.75	ug/l	97
65) Chlorobenzene	10.14	112	406630	50.10	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	144527	51.64	ug/l	99
67) Ethyl Benzene	10.26	91	695564	52.71	ug/l	98
68) m/p-Xylenes	10.36	106	544381	107.09	ug/l	97
69) o-Xylene	10.70	106	262166	53.65	ug/l	98
70) Styrene	10.71	104	441932	54.58	ug/l	98
71) Bromoform	10.86	173	120226	52.32	ug/l	99
73) Isopropylbenzene	11.02	105	704153	54.21	ug/l	100
74) N-amyl acetate	10.90	43	286377	52.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	219991	52.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	207031m	53.72	ug/l	
77) Bromobenzene	11.26	156	185239	51.59	ug/l	98
78) n-propylbenzene	11.36	91	817232	54.72	ug/l	99
79) 2-Chlorotoluene	11.42	91	478134	52.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	599268	54.88	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	65277	52.43	ug/l	96
82) 4-Chlorotoluene	11.51	91	563387	53.29	ug/l	100
83) tert-Butylbenzene	11.77	119	561499	54.01	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	614908	55.15	ug/l	98
85) sec-Butylbenzene	11.95	105	718827	54.26	ug/l	99
86) p-Isopropyltoluene	12.07	119	645702	55.19	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	343118	51.22	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	347015	50.13	ug/l	99
89) n-Butylbenzene	12.39	91	567749	53.25	ug/l	98
90) Hexachloroethane	12.60	117	100332	53.57	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	346924	51.17	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50219	56.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253313	52.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	123664	49.31	ug/l	97
95) Naphthalene	13.83	128	771356	57.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260450	52.81	ug/l	99

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

