

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101818\
 Data File : VX005443.D
 Acq On : 18 Oct 2018 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 1:51:31 PM

Quant Time: Oct 19 05:24:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146083	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	5.51	113	129232	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	8.71	98	460619	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.14	95	174339	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102001	47.047	ug/l	91
3) Chloromethane	1.32	50	143966	45.827	ug/l	99
4) Vinyl Chloride	1.40	62	142154	44.669	ug/l	98
5) Bromomethane	1.64	94	78582	43.795	ug/l	97
6) Chloroethane	1.71	64	91916	48.788	ug/l	96
7) Trichlorofluoromethane	1.92	101	203294	47.870	ug/l	100
8) Diethyl Ether	2.19	74	86873	47.903	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121342	49.504	ug/l	96
10) Methyl Iodide	2.51	142	160103	59.094	ug/l	97
11) Tert butyl alcohol	3.08	59	218337	251.509	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113408	46.697	ug/l	99
13) Acrolein	2.29	56	141999	256.391	ug/l	95
14) Allyl chloride	2.72	41	257430	48.280	ug/l	92
15) Acrylonitrile	3.15	53	478794	243.389	ug/l	97
16) Acetone	2.45	43	405494	227.888	ug/l	97
17) Carbon Disulfide	2.56	76	317090	43.101	ug/l	100
18) Methyl Acetate	2.78	43	277927	54.902	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	435858	50.958	ug/l	98
20) Methylene Chloride	2.85	84	144344	55.827	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	123656	45.945	ug/l	89
22) Diisopropyl ether	3.87	45	456562	50.980	ug/l #	94
23) Vinyl Acetate	3.82	43	1909517	243.945	ug/l	97
24) 1,1-Dichloroethane	3.69	63	243970	47.533	ug/l	99
25) 2-Butanone	4.71	43	629983	241.984	ug/l	93
26) 2,2-Dichloropropane	4.59	77	160407	41.787	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	139332	47.635	ug/l	96
28) Bromochloromethane	5.02	49	118235	50.531	ug/l	99
29) Tetrahydrofuran	5.16	42	417958	251.684	ug/l	95
30) Chloroform	5.20	83	238564	50.076	ug/l #	80
31) Cyclohexane	5.57	56	207688	49.094	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	206475	49.809	ug/l	99
36) 1,1-Dichloropropene	5.80	75	164470	43.988	ug/l	97
37) Ethyl Acetate	4.85	43	229363	47.700	ug/l	98
38) Carbon Tetrachloride	5.77	117	178182	47.428	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190909	47.177	ug/l #	88
40) Benzene	6.15	78	534853	47.686	ug/l	98
41) Methacrylonitrile	5.06	41	134273	52.087	ug/l	95
42) 1,2-Dichloroethane	6.20	62	181522	45.834	ug/l	97
43) Isopropyl Acetate	6.46	43	338216	52.803	ug/l	99
44) Trichloroethene	7.21	130	138727	48.421	ug/l	93
45) 1,2-Dichloropropane	7.51	63	134633	48.934	ug/l	98
46) Dibromomethane	7.66	93	85697	47.193	ug/l	96
47) Bromodichloromethane	7.90	83	166377	49.533	ug/l	99
48) Methyl methacrylate	7.77	41	166727	50.187	ug/l	96
49) 1,4-Dioxane	7.76	88	77851	1016.015	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1144942	258.153	ug/l	97
52) Toluene	8.79	92	312888	50.990	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	188531	51.865	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	201490	51.157	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	131758	50.694	ug/l	97
56) Ethyl methacrylate	9.18	69	210726	55.616	ug/l	97
57) 1,3-Dichloropropane	9.37	76	220574	50.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	572705	269.521	ug/l	96
59) 2-Hexanone	9.50	43	909345	254.888	ug/l	95
60) Dibromochloromethane	9.59	129	139220	51.821	ug/l	100
61) 1,2-Dibromoethane	9.68	107	137384	50.367	ug/l	98
64) Tetrachloroethene	9.34	164	143724	50.291	ug/l	98
65) Chlorobenzene	10.14	112	358909	47.531	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	132828	49.362	ug/l	100
67) Ethyl Benzene	10.25	91	607866	49.519	ug/l	98
68) m/p-Xylenes	10.36	106	473351	99.348	ug/l	96
69) o-Xylene	10.70	106	229839	50.018	ug/l	97
70) Styrene	10.71	104	386941	51.196	ug/l	98
71) Bromoform	10.86	173	120114	49.950	ug/l	100
73) Isopropylbenzene	11.02	105	626804	51.786	ug/l	100
74) N-amyl acetate	10.90	43	298648	51.157	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	218189	47.787	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	204571m	51.799	ug/l	
77) Bromobenzene	11.26	156	170032	49.131	ug/l	99
78) n-propylbenzene	11.36	91	709310	50.926	ug/l	100
79) 2-Chlorotoluene	11.42	91	425112	49.837	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	533211	51.444	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61934	47.650	ug/l	98
82) 4-Chlorotoluene	11.51	91	501053	49.551	ug/l	99
83) tert-Butylbenzene	11.77	119	537203	51.181	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	551313	51.686	ug/l	97
85) sec-Butylbenzene	11.94	105	642693	51.741	ug/l	100
86) p-Isopropyltoluene	12.07	119	581608	51.805	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314742	48.670	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	317624	48.011	ug/l	100
89) n-Butylbenzene	12.39	91	506562	49.694	ug/l	98
90) Hexachloroethane	12.60	117	93181	48.159	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	318450	48.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53187	47.755	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	251223	51.887	ug/l	98
94) Hexachlorobutadiene	13.79	225	122443	47.883	ug/l	95
95) Naphthalene	13.83	128	775780	55.249	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	253620	51.195	ug/l	99

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

