

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101618\
 Data File : VX005355.D
 Acq On : 16 Oct 2018 08:08
 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
 10/17/2018 9:34:16 AM

Quant Time: Oct 17 05:01:40 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	295428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152778	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.49	113	123216	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	8.71	98	475909	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	179573	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121211	52.475	ug/l	97
3) Chloromethane	1.32	50	156994	46.906	ug/l	93
4) Vinyl Chloride	1.41	62	155587	45.889	ug/l	100
5) Bromomethane	1.64	94	94444	49.329	ug/l	99
6) Chloroethane	1.71	64	96098	47.785	ug/l	95
7) Trichlorofluoromethane	1.92	101	220890	48.820	ug/l	95
8) Diethyl Ether	2.19	74	88843	45.982	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	133320	51.051	ug/l	96
10) Methyl Iodide	2.51	142	155025	53.933	ug/l	99
11) Tert butyl alcohol	3.07	59	207812	224.686	ug/l	99
12) 1,1-Dichloroethene	2.37	96	122004	47.152	ug/l	97
13) Acrolein	2.29	56	91205	153.700	ug/l	98
14) Allyl chloride	2.73	41	265709	46.773	ug/l	95
15) Acrylonitrile	3.15	53	462265	220.558	ug/l	98
16) Acetone	2.45	43	455016	240.018	ug/l	96
17) Carbon Disulfide	2.57	76	356054	45.425	ug/l	99
18) Methyl Acetate	2.78	43	247573	45.903	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	437791	48.041	ug/l	97
20) Methylene Chloride	2.85	84	140355	50.833	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	131845	45.980	ug/l	95
22) Diisopropyl ether	3.87	45	480305	50.338	ug/l	92
23) Vinyl Acetate	3.82	43	2125855	254.907	ug/l	96
24) 1,1-Dichloroethane	3.70	63	267371	48.893	ug/l	98
25) 2-Butanone	4.70	43	643330	231.937	ug/l	93
26) 2,2-Dichloropropane	4.58	77	202625	49.544	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	144042	46.222	ug/l	95
28) Bromochloromethane	5.01	49	112772	45.237	ug/l	96
29) Tetrahydrofuran	5.15	42	382372	216.117	ug/l	94
30) Chloroform	5.21	83	236622	46.618	ug/l	98
31) Cyclohexane	5.57	56	210630	46.733	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	208611	47.234	ug/l	99
36) 1,1-Dichloropropene	5.80	75	185121	47.000	ug/l	99
37) Ethyl Acetate	4.86	43	234970	46.388	ug/l	97
38) Carbon Tetrachloride	5.78	117	188524	47.636	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216428	50.771	ug/l	96
40) Benzene	6.14	78	537682	45.507	ug/l	100
41) Methacrylonitrile	5.06	41	120553	44.394	ug/l	97
42) 1,2-Dichloroethane	6.20	62	191290	45.851	ug/l	97
43) Isopropyl Acetate	6.45	43	330834	49.031	ug/l	97
44) Trichloroethene	7.21	130	149295	49.480	ug/l	98
45) 1,2-Dichloropropane	7.51	63	142023	49.002	ug/l	100
46) Dibromomethane	7.66	93	92890	48.560	ug/l	98
47) Bromodichloromethane	7.90	83	180365	50.975	ug/l	98
48) Methyl methacrylate	7.77	41	174551	49.878	ug/l	95
49) 1,4-Dioxane	7.75	88	75910	940.446	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1165089	249.375	ug/l	95
52) Toluene	8.79	92	337418	52.199	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	207016	54.062	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	221812	53.461	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	138777	50.687	ug/l	96
56) Ethyl methacrylate	9.18	69	213190	53.413	ug/l	96
57) 1,3-Dichloropropane	9.37	76	231954	50.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	576412	257.510	ug/l	95
59) 2-Hexanone	9.50	43	953624	253.744	ug/l	94
60) Dibromochloromethane	9.59	129	152405	53.852	ug/l	100
61) 1,2-Dibromoethane	9.67	107	144594	50.323	ug/l	99
64) Tetrachloroethene	9.34	164	156343	52.287	ug/l	99
65) Chlorobenzene	10.14	112	386636	48.939	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	141383	50.218	ug/l	99
67) Ethyl Benzene	10.25	91	663457	51.657	ug/l	96
68) m/p-Xylenes	10.36	106	522749	104.864	ug/l	96
69) o-Xylene	10.70	106	246663	51.306	ug/l	96
70) Styrene	10.71	104	419433	53.041	ug/l	97
71) Bromoform	10.86	173	129480	51.464	ug/l	99
73) Isopropylbenzene	11.02	105	683407	52.191	ug/l	100
74) N-amyl acetate	10.90	43	311060	49.253	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	227103	45.977	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	217936m	51.008	ug/l	
77) Bromobenzene	11.26	156	184077	49.166	ug/l	99
78) n-propylbenzene	11.36	91	789562	52.400	ug/l	100
79) 2-Chlorotoluene	11.42	91	466380	50.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	588502	52.483	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	70166	49.899	ug/l	96
82) 4-Chlorotoluene	11.51	91	556627	50.883	ug/l	100
83) tert-Butylbenzene	11.77	119	585257	51.542	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	608259	52.711	ug/l	99
85) sec-Butylbenzene	11.94	105	706381	52.567	ug/l	99
86) p-Isopropyltoluene	12.07	119	656572	54.058	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	352240	50.348	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	357299	49.922	ug/l	99
89) n-Butylbenzene	12.39	91	585885	53.128	ug/l	98
90) Hexachloroethane	12.60	117	104021	49.695	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	351510	49.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55209	45.821	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	276709	52.828	ug/l	99
94) Hexachlorobutadiene	13.79	225	144891	52.375	ug/l	96
95) Naphthalene	13.83	128	804013	52.928	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275072	51.325	ug/l	99

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

