

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102318\
 Data File : VX005515.D
 Acq On : 23 Oct 2018 12:13
 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
 10/24/2018 10:02:40 AM

Quant Time: Oct 24 01:29:29 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	213304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	126637	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
35) Dibromofluoromethane	5.49	113	107893	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
50) Toluene-d8	8.72	98	362018	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	138946	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	83013	49.775	ug/l	99
3) Chloromethane	1.32	50	107677	44.557	ug/l	99
4) Vinyl Chloride	1.40	62	108714	44.409	ug/l	99
5) Bromomethane	1.64	94	70609	51.058	ug/l	93
6) Chloroethane	1.71	64	72610	50.239	ug/l	98
7) Trichlorofluoromethane	1.92	101	162402	49.712	ug/l	99
8) Diethyl Ether	2.19	74	65962	47.283	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100346	53.219	ug/l	98
10) Methyl Iodide	2.51	142	100556	48.705	ug/l	97
11) Tert butyl alcohol	3.07	59	160660	240.584	ug/l	99
12) 1,1-Dichloroethene	2.37	96	88767	47.515	ug/l	83
13) Acrolein	2.29	56	87861	205.800	ug/l	96
14) Allyl chloride	2.73	41	209330	51.036	ug/l	95
15) Acrylonitrile	3.15	53	376992	249.125	ug/l	99
16) Acetone	2.45	43	303923	222.041	ug/l	94
17) Carbon Disulfide	2.57	76	236032	41.707	ug/l	98
18) Methyl Acetate	2.78	43	216064	55.484	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	338167	51.396	ug/l	99
20) Methylene Chloride	2.85	84	107255	53.879	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	100712	48.645	ug/l	94
22) Diisopropyl ether	3.87	45	382298	55.492	ug/l #	96
23) Vinyl Acetate	3.82	43	1594925	264.875	ug/l #	91
24) 1,1-Dichloroethane	3.69	63	202121	51.192	ug/l	95
25) 2-Butanone	4.70	43	515198	257.255	ug/l #	84
26) 2,2-Dichloropropane	4.57	77	165870	56.172	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	115633	51.392	ug/l	95
28) Bromochloromethane	5.02	49	101233	56.243	ug/l	90
29) Tetrahydrofuran	5.15	42	352211	275.714	ug/l	90
30) Chloroform	5.21	83	198439	54.148	ug/l	97
31) Cyclohexane	5.57	56	169628	52.126	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	165276	51.830	ug/l	98
36) 1,1-Dichloropropene	5.79	75	144436	49.087	ug/l	99
37) Ethyl Acetate	4.85	43	196646	51.966	ug/l	96
38) Carbon Tetrachloride	5.78	117	148899	50.362	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151417	47.546	ug/l	95
40) Benzene	6.14	78	413792	46.879	ug/l	100
41) Methacrylonitrile	5.06	41	106072	52.286	ug/l	94
42) 1,2-Dichloroethane	6.20	62	157785	50.625	ug/l	96
43) Isopropyl Acetate	6.46	43	286862	56.908	ug/l	95
44) Trichloroethene	7.21	130	107500	47.668	ug/l	100
45) 1,2-Dichloropropane	7.52	63	111448	51.472	ug/l	94
46) Dibromomethane	7.66	93	68803	48.146	ug/l	97
47) Bromodichloromethane	7.90	83	137792	52.128	ug/l	98
48) Methyl methacrylate	7.77	41	136359	52.157	ug/l	95
49) 1,4-Dioxane	7.76	88	51916	860.952	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	932353	267.126	ug/l	93
52) Toluene	8.79	92	243837	50.494	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	154339	53.952	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	165169	53.287	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	104976	51.323	ug/l	98
56) Ethyl methacrylate	9.18	69	163374	54.791	ug/l	93
57) 1,3-Dichloropropane	9.37	76	174921	51.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	463225	277.010	ug/l	93
59) 2-Hexanone	9.50	43	733833	261.372	ug/l	92
60) Dibromochloromethane	9.58	129	110709	52.363	ug/l	99
61) 1,2-Dibromoethane	9.68	107	107968	50.298	ug/l	100
64) Tetrachloroethene	9.34	164	109999	51.135	ug/l	99
65) Chlorobenzene	10.14	112	278409	48.983	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	104915	51.797	ug/l	98
67) Ethyl Benzene	10.26	91	481284	52.087	ug/l	98
68) m/p-Xylenes	10.36	106	371197	103.502	ug/l	93
69) o-Xylene	10.70	106	178395	51.577	ug/l	96
70) Styrene	10.71	104	303103	53.278	ug/l	96
71) Bromoform	10.86	173	92367	51.030	ug/l #	99
73) Isopropylbenzene	11.02	105	499589	53.738	ug/l	99
74) N-amyl acetate	10.90	43	242219	54.019	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	172028	49.053	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	159976m	52.737	ug/l	
77) Bromobenzene	11.26	156	131526	49.480	ug/l	98
78) n-propylbenzene	11.36	91	578898	54.112	ug/l	99
79) 2-Chlorotoluene	11.42	91	341502	52.123	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	428578	53.834	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	51711	51.797	ug/l #	94
82) 4-Chlorotoluene	11.51	91	408141	52.550	ug/l	98
83) tert-Butylbenzene	11.77	119	420764	52.192	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	443153	54.091	ug/l	97
85) sec-Butylbenzene	11.95	105	514746	53.953	ug/l	98
86) p-Isopropyltoluene	12.07	119	465848	54.023	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	246885	49.704	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	252292	49.650	ug/l	99
89) n-Butylbenzene	12.39	91	421172	53.793	ug/l	98
90) Hexachloroethane	12.60	117	75897	51.070	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	251366	49.591	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41857	48.930	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	193087	51.921	ug/l	98
94) Hexachlorobutadiene	13.79	225	97258	49.518	ug/l	97
95) Naphthalene	13.83	128	584024	54.151	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	194998	51.246	ug/l	99

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

