

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005651.D
 Acq On : 29 Oct 2018 10:36
 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
 10/30/2018 10:50:40 AM

Quant Time: Oct 30 02:17:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	237014	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	325335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172369	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129190	44.65	ug/l	0.00
Spiked Amount						
			Recovery	=	89.30%	
35) Dibromofluoromethane	5.49	113	107404	48.76	ug/l	0.00
Spiked Amount						
			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	394674	49.86	ug/l	0.00
Spiked Amount						
			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.14	95	150120	50.22	ug/l	0.00
Spiked Amount						
			Recovery	=	100.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	145524	62.205	ug/l	100
3) Chloromethane	1.32	50	147926	49.652	ug/l	99
4) Vinyl Chloride	1.40	62	151743	51.799	ug/l	99
5) Bromomethane	1.64	94	90612	49.709	ug/l	98
6) Chloroethane	1.71	64	95478	51.019	ug/l	100
7) Trichlorofluoromethane	1.93	101	212948	52.314	ug/l	96
8) Diethyl Ether	2.19	74	83807	51.591	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126777	54.283	ug/l	97
10) Methyl Iodide	2.51	142	128731	52.626	ug/l	99
11) Tert butyl alcohol	3.06	59	189792	243.775	ug/l	98
12) 1,1-Dichloroethene	2.37	96	119980	53.927	ug/l	80
13) Acrolein	2.29	56	80569	202.870	ug/l	100
14) Allyl chloride	2.73	41	246654	49.674	ug/l	98
15) Acrylonitrile	3.15	53	425013	243.447	ug/l	99
16) Acetone	2.44	43	420568	275.095	ug/l	99
17) Carbon Disulfide	2.57	76	338134	49.857	ug/l	99
18) Methyl Acetate	2.78	43	200947	53.303	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	399382	50.323	ug/l	99
20) Methylene Chloride	2.85	84	122868	47.986	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	118205	48.660	ug/l	96
22) Diisopropyl ether	3.86	45	457647	52.778	ug/l #	90
23) Vinyl Acetate	3.82	43	2066227	270.567	ug/l	100
24) 1,1-Dichloroethane	3.70	63	241189	51.161	ug/l	99
25) 2-Butanone	4.70	43	600074	257.756	ug/l	92
26) 2,2-Dichloropropane	4.59	77	201362	55.325	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	135154	51.608	ug/l	95
28) Bromochloromethane	5.01	49	105336	46.198	ug/l	94
29) Tetrahydrofuran	5.15	42	380213	250.956	ug/l	99
30) Chloroform	5.22	83	225800	51.205	ug/l	91
31) Cyclohexane	5.57	56	216244	55.439	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	199186	51.177	ug/l	98
36) 1,1-Dichloropropene	5.79	75	174926	55.405	ug/l	98
37) Ethyl Acetate	4.85	43	209815	52.078	ug/l	100
38) Carbon Tetrachloride	5.78	117	178506	53.681	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222035	63.688	ug/l	95
40) Benzene	6.14	78	496999	54.914	ug/l	100
41) Methacrylonitrile	5.06	41	117078	52.168	ug/l	99
42) 1,2-Dichloroethane	6.19	62	174841	50.853	ug/l	100
43) Isopropyl Acetate	6.46	43	328704	54.445	ug/l	98
44) Trichloroethene	7.21	130	135392	54.912	ug/l	99
45) 1,2-Dichloropropane	7.51	63	132303	54.373	ug/l	99
46) Dibromomethane	7.66	93	86786	55.223	ug/l	97
47) Bromodichloromethane	7.90	83	164045	53.782	ug/l	98
48) Methyl methacrylate	7.77	41	163721	55.665	ug/l	99
49) 1,4-Dioxane	7.75	88	66853	1040.118	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1077179	265.480	ug/l	99
52) Toluene	8.79	92	300028	54.546	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188936	57.314	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	201335	56.728	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	123319	53.177	ug/l	98
56) Ethyl methacrylate	9.18	69	195871	56.626	ug/l	99
57) 1,3-Dichloropropane	9.37	76	205378	52.341	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	526067	272.304	ug/l	100
59) 2-Hexanone	9.49	43	881925	275.678	ug/l	99
60) Dibromochloromethane	9.59	129	137292	56.743	ug/l	99
61) 1,2-Dibromoethane	9.67	107	130012	54.191	ug/l	100
64) Tetrachloroethene	9.34	164	132087	53.649	ug/l	98
65) Chlorobenzene	10.14	112	341042	54.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	126719	55.027	ug/l	100
67) Ethyl Benzene	10.25	91	592028	56.975	ug/l	100
68) m/p-Xylenes	10.36	106	458818	113.811	ug/l	100
69) o-Xylene	10.70	106	219292	57.818	ug/l	100
70) Styrene	10.71	104	370764	58.395	ug/l	100
71) Bromoform	10.86	173	115054	55.989	ug/l	99
73) Isopropylbenzene	11.02	105	606566	57.567	ug/l	99
74) N-amyl acetate	10.90	43	291005	55.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	202384	52.063	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	194467m	53.248	ug/l	
77) Bromobenzene	11.26	156	160738	54.739	ug/l	97
78) n-propylbenzene	11.36	91	709871	58.919	ug/l	100
79) 2-Chlorotoluene	11.42	91	414211	55.448	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	523773	58.109	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63852	57.128	ug/l	97
82) 4-Chlorotoluene	11.51	91	497669	56.498	ug/l	100
83) tert-Butylbenzene	11.77	119	519704	57.843	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	535809	58.653	ug/l	99
85) sec-Butylbenzene	11.94	105	636412	59.361	ug/l	100
86) p-Isopropyltoluene	12.07	119	575519	60.050	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	303845	55.025	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	307065	53.274	ug/l	100
89) n-Butylbenzene	12.39	91	521195	60.239	ug/l	99
90) Hexachloroethane	12.60	117	95437	57.736	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	302615	54.167	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51453	54.743	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	236310	58.351	ug/l	99
94) Hexachlorobutadiene	13.79	225	118683	56.551	ug/l	99
95) Naphthalene	13.83	128	700342	59.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	239037	58.227	ug/l	99

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

