

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102318\
 Data File : VX005530.D
 Acq On : 23 Oct 2018 19:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 10:02:53 AM

Quant Time: Oct 24 03:51:32 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	217942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132063	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	5.51	113	111536	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	8.72	98	358104	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.14	95	137101	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81663	47.923	ug/l	99
3) Chloromethane	1.32	50	115538	46.793	ug/l	98
4) Vinyl Chloride	1.41	62	120416	48.142	ug/l	99
5) Bromomethane	1.64	94	55473	39.394	ug/l	90
6) Chloroethane	1.71	64	71620	48.324	ug/l	99
7) Trichlorofluoromethane	1.93	101	164998	49.432	ug/l	98
8) Diethyl Ether	2.19	74	71042	49.841	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100434	52.132	ug/l	98
10) Methyl Iodide	2.51	142	76077	36.710	ug/l	98
11) Tert butyl alcohol	3.08	59	175370	257.023	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94788	49.658	ug/l	89
13) Acrolein	2.29	56	91555	209.932	ug/l	96
14) Allyl chloride	2.73	41	219806	52.449	ug/l	94
15) Acrylonitrile	3.15	53	400149	258.800	ug/l	99
16) Acetone	2.45	43	348659	249.303	ug/l	97
17) Carbon Disulfide	2.57	76	246591	42.645	ug/l	99
18) Methyl Acetate	2.78	43	232761	58.500	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	357336	53.154	ug/l	95
20) Methylene Chloride	2.85	84	114692	56.452	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	104436	49.370	ug/l	87
22) Diisopropyl ether	3.87	45	409144	58.125	ug/l #	89
23) Vinyl Acetate	3.83	43	1720918	279.717	ug/l	96
24) 1,1-Dichloroethane	3.70	63	213425	52.904	ug/l	98
25) 2-Butanone	4.70	43	589846	288.261	ug/l #	85
26) 2,2-Dichloropropane	4.58	77	155707	51.608	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	121293	52.760	ug/l	94
28) Bromochloromethane	5.01	49	123478	67.142	ug/l	93
29) Tetrahydrofuran	5.15	42	364518	279.275	ug/l	92
30) Chloroform	5.22	83	197971	52.871	ug/l	99
31) Cyclohexane	5.58	56	173107	52.063	ug/l #	83
32) 1,1,1-Trichloroethane	5.50	97	181203	55.616	ug/l	97
36) 1,1-Dichloropropene	5.79	75	141679	45.745	ug/l	99
37) Ethyl Acetate	4.86	43	212048	53.238	ug/l	96
38) Carbon Tetrachloride	5.78	117	154315	49.588	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	147235	43.925	ug/l #	83
40) Benzene	6.15	78	428846	46.158	ug/l	92
41) Methacrylonitrile	5.06	41	116517	54.567	ug/l	96
42) 1,2-Dichloroethane	6.20	62	164545	50.157	ug/l	96
43) Isopropyl Acetate	6.46	43	292671	55.161	ug/l	94
44) Trichloroethene	7.21	130	102991	43.332	ug/l	95
45) 1,2-Dichloropropane	7.52	63	110165	48.339	ug/l	98
46) Dibromomethane	7.66	93	68729	45.692	ug/l	98
47) Bromodichloromethane	7.90	83	135589	48.733	ug/l	99
48) Methyl methacrylate	7.77	41	138281	50.251	ug/l	93
49) 1,4-Dioxane	7.75	88	58032	914.320	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	957737	260.697	ug/l	93
52) Toluene	8.79	92	241094	47.432	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	154810	51.415	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	160072	49.064	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	105603	49.052	ug/l	97
56) Ethyl methacrylate	9.18	69	162604	51.810	ug/l	91
57) 1,3-Dichloropropane	9.37	76	173485	48.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	445206	252.940	ug/l	93
59) 2-Hexanone	9.50	43	753817	255.082	ug/l	92
60) Dibromochloromethane	9.59	129	110643	49.719	ug/l	99
61) 1,2-Dibromoethane	9.68	107	107759	47.694	ug/l	99
64) Tetrachloroethene	9.34	164	103214	47.912	ug/l	97
65) Chlorobenzene	10.14	112	273854	48.113	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	103639	51.094	ug/l	99
67) Ethyl Benzene	10.26	91	473332	51.153	ug/l	98
68) m/p-Xylenes	10.36	106	362839	101.027	ug/l	94
69) o-Xylene	10.70	106	173764	50.166	ug/l	94
70) Styrene	10.71	104	298328	52.364	ug/l	96
71) Bromoform	10.86	173	93226	51.432	ug/l	99
73) Isopropylbenzene	11.02	105	485939	53.785	ug/l	99
74) N-amyl acetate	10.90	43	243263	55.824	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	174047	51.067	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	163031m	55.302	ug/l	
77) Bromobenzene	11.26	156	129802	50.247	ug/l	97
78) n-propylbenzene	11.36	91	555219	53.403	ug/l	99
79) 2-Chlorotoluene	11.42	91	331169	52.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	415047	53.645	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	49750	51.277	ug/l	99
82) 4-Chlorotoluene	11.51	91	393779	52.170	ug/l	99
83) tert-Butylbenzene	11.77	119	413476	52.774	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	424953	53.372	ug/l	98
85) sec-Butylbenzene	11.94	105	496603	53.560	ug/l	99
86) p-Isopropyltoluene	12.07	119	443731	52.949	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	238867	49.484	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	241716	48.948	ug/l	99
89) n-Butylbenzene	12.39	91	392665	51.605	ug/l	97
90) Hexachloroethane	12.60	117	74903	51.862	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	242954	49.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43038	51.768	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	183445	50.758	ug/l	99
94) Hexachlorobutadiene	13.79	225	89348	46.809	ug/l	96
95) Naphthalene	13.83	128	579837	55.321	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	190630	51.551	ug/l	99

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

