

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101618\
 Data File : VX005376.D
 Acq On : 16 Oct 2018 18:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:35:02 AM

Quant Time: Oct 17 07:18:02 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	255324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	134564	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	5.50	113	111902	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	8.72	98	421679	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.14	95	158181	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99602	49.893	ug/l	98
3) Chloromethane	1.32	50	133695	46.219	ug/l	99
4) Vinyl Chloride	1.40	62	140674	48.007	ug/l	99
5) Bromomethane	1.64	94	78773	47.626	ug/l	97
6) Chloroethane	1.71	64	86034	49.678	ug/l	98
7) Trichlorofluoromethane	1.92	101	202556	51.799	ug/l	96
8) Diethyl Ether	2.19	74	82023	49.120	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117746	52.169	ug/l	96
10) Methyl Iodide	2.51	142	141467	56.807	ug/l	99
11) Tert butyl alcohol	3.07	59	203648	254.769	ug/l	100
12) 1,1-Dichloroethene	2.37	96	114861	51.364	ug/l	94
13) Acrolein	2.29	56	101579	198.700	ug/l	96
14) Allyl chloride	2.73	41	240612	49.008	ug/l	96
15) Acrylonitrile	3.15	53	441765	243.884	ug/l	98
16) Acetone	2.45	43	397099	242.368	ug/l	95
17) Carbon Disulfide	2.57	76	311912	46.044	ug/l	99
18) Methyl Acetate	2.78	43	237028	50.851	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	405469	51.483	ug/l	98
20) Methylene Chloride	2.85	84	126990	53.280	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	118160	47.680	ug/l	97
22) Diisopropyl ether	3.87	45	394374	47.824	ug/l	97
23) Vinyl Acetate	3.82	43	1720151	238.657	ug/l	97
24) 1,1-Dichloroethane	3.70	63	236938	50.134	ug/l	98
25) 2-Butanone	4.70	43	575443	240.049	ug/l	94
26) 2,2-Dichloropropane	4.59	77	168736	47.738	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	126974	47.145	ug/l	96
28) Bromochloromethane	5.02	49	108376	50.302	ug/l	94
29) Tetrahydrofuran	5.15	42	367217	240.152	ug/l	94
30) Chloroform	5.21	83	215495	49.125	ug/l	100
31) Cyclohexane	5.57	56	189530	48.656	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	189619	49.678	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160639	45.253	ug/l	99
37) Ethyl Acetate	4.85	43	206743	45.288	ug/l	99
38) Carbon Tetrachloride	5.78	117	166504	46.682	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	189625	49.358	ug/l	97
40) Benzene	6.14	78	481213	45.190	ug/l	100
41) Methacrylonitrile	5.06	41	116582	47.635	ug/l	96
42) 1,2-Dichloroethane	6.20	62	171969	45.736	ug/l	97
43) Isopropyl Acetate	6.46	43	309076	50.826	ug/l	96
44) Trichloroethene	7.21	130	137245	50.483	ug/l	97
45) 1,2-Dichloropropane	7.52	63	126289	48.348	ug/l	100
46) Dibromomethane	7.66	93	83249	48.288	ug/l	97
47) Bromodichloromethane	7.90	83	162242	50.877	ug/l	100
48) Methyl methacrylate	7.77	41	160241	50.806	ug/l	95
49) 1,4-Dioxane	7.76	88	75295	1035.042	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1100555	261.374	ug/l	95
52) Toluene	8.79	92	303798	52.148	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	184187	53.371	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	198343	53.042	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127234	51.564	ug/l	98
56) Ethyl methacrylate	9.18	69	196580	54.649	ug/l	95
57) 1,3-Dichloropropane	9.37	76	211550	51.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	547735	271.511	ug/l	96
59) 2-Hexanone	9.50	43	871808	257.393	ug/l	94
60) Dibromochloromethane	9.59	129	136081	53.353	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133726	51.640	ug/l	99
64) Tetrachloroethene	9.34	164	139869	50.894	ug/l	99
65) Chlorobenzene	10.14	112	347729	47.887	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	128563	49.682	ug/l	99
67) Ethyl Benzene	10.26	91	593079	50.241	ug/l	99
68) m/p-Xylenes	10.36	106	465734	101.648	ug/l	96
69) o-Xylene	10.70	106	222944	50.453	ug/l	97
70) Styrene	10.71	104	375781	51.702	ug/l	97
71) Bromoform	10.86	173	115925	50.131	ug/l #	99
73) Isopropylbenzene	11.02	105	613184	52.614	ug/l	100
74) N-amyl acetate	10.90	43	281474	50.075	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	205505	46.744	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	194921m	51.258	ug/l	
77) Bromobenzene	11.26	156	165118	49.551	ug/l	99
78) n-propylbenzene	11.36	91	700534	52.235	ug/l	100
79) 2-Chlorotoluene	11.42	91	413656	50.363	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	524919	52.596	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61253	48.943	ug/l	98
82) 4-Chlorotoluene	11.51	91	490379	50.366	ug/l	100
83) tert-Butylbenzene	11.77	119	523690	51.818	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	537627	52.347	ug/l	99
85) sec-Butylbenzene	11.94	105	627393	52.457	ug/l	99
86) p-Isopropyltoluene	12.07	119	571168	52.837	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	305616	49.081	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	311738	48.938	ug/l	100
89) n-Butylbenzene	12.39	91	501496	51.094	ug/l	98
90) Hexachloroethane	12.60	117	91733	49.239	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	310484	48.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50442	47.037	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	242332	51.981	ug/l	99
94) Hexachlorobutadiene	13.79	225	121588	49.382	ug/l	97
95) Naphthalene	13.83	128	727544	53.812	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	244783	51.316	ug/l	99

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

