

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008902.D
 Acq On : 12 Apr 2019 21:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:12:11 PM

Quant Time: Apr 13 06:18:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	149888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	250028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110262	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.50	113	80377	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	8.71	98	325189	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	117615	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102744	59.550	ug/l	98
3) Chloromethane	1.32	50	120636	57.299	ug/l	99
4) Vinyl Chloride	1.40	62	115414	49.484	ug/l	100
5) Bromomethane	1.64	94	66004	57.167	ug/l	99
6) Chloroethane	1.71	64	68728	54.212	ug/l	99
7) Trichlorofluoromethane	1.92	101	128468	49.828	ug/l	99
8) Diethyl Ether	2.19	74	59344	48.537	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80743	48.642	ug/l	99
10) Methyl Iodide	2.51	142	81550	53.627	ug/l	100
11) Tert butyl alcohol	3.06	59	141082	275.649	ug/l	100
12) 1,1-Dichloroethene	2.37	96	84913	49.002	ug/l	100
13) Acrolein	2.29	56	73264	288.684	ug/l	99
14) Allyl chloride	2.72	41	199445	50.277	ug/l	98
15) Acrylonitrile	3.15	53	352254	259.795	ug/l	100
16) Acetone	2.45	43	305580	242.680	ug/l	99
17) Carbon Disulfide	2.56	76	250165	49.993	ug/l	100
18) Methyl Acetate	2.78	43	157570	51.596	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	320456	51.784	ug/l	100
20) Methylene Chloride	2.85	84	101884	48.338	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	90407	48.234	ug/l	94
22) Diisopropyl ether	3.86	45	389923	50.998	ug/l	98
23) Vinyl Acetate	3.82	43	1766126	265.528	ug/l	100
24) 1,1-Dichloroethane	3.70	63	190505	50.324	ug/l	99
25) 2-Butanone	4.68	43	531098	266.859	ug/l	99
26) 2,2-Dichloropropane	4.59	77	117359	44.017	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	104693	48.582	ug/l	98
28) Bromochloromethane	5.01	49	87923	55.963	ug/l	99
29) Tetrahydrofuran	5.13	42	350258	265.160	ug/l	99
30) Chloroform	5.21	83	171268	50.654	ug/l	100
31) Cyclohexane	5.58	56	184956	48.965	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	140035	51.252	ug/l	100
36) 1,1-Dichloropropene	5.80	75	131909	48.264	ug/l	100
37) Ethyl Acetate	4.84	43	198460	54.402	ug/l	99
38) Carbon Tetrachloride	5.79	117	115973	51.269	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160536	47.549	ug/l	99
40) Benzene	6.14	78	410126	50.371	ug/l	100
41) Methacrylonitrile	5.04	41	110029	52.471	ug/l	99
42) 1,2-Dichloroethane	6.19	62	145807	49.952	ug/l	100
43) Isopropyl Acetate	6.45	43	307109	53.740	ug/l	99
44) Trichloroethene	7.21	130	95453	50.335	ug/l	98
45) 1,2-Dichloropropane	7.51	63	117130	50.401	ug/l	99
46) Dibromomethane	7.66	93	65869	48.870	ug/l	98
47) Bromodichloromethane	7.90	83	130801	51.469	ug/l	99
48) Methyl methacrylate	7.77	41	154918	53.590	ug/l	99
49) 1,4-Dioxane	7.74	88	57056	1053.618	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1014107	275.666	ug/l	100
52) Toluene	8.79	92	244755	50.989	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	149388	52.476	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	165068	50.746	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98801	51.276	ug/l	99
56) Ethyl methacrylate	9.18	69	187545	53.795	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177354	51.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	447151	251.187	ug/l	99
59) 2-Hexanone	9.49	43	768013	268.636	ug/l	99
60) Dibromochloromethane	9.59	129	98462	54.228	ug/l	100
61) 1,2-Dibromoethane	9.67	107	101698	50.699	ug/l	98
64) Tetrachloroethene	9.34	164	86618	52.143	ug/l	98
65) Chlorobenzene	10.14	112	250369	50.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90329	51.806	ug/l	100
67) Ethyl Benzene	10.25	91	465450	50.223	ug/l	99
68) m/p-Xylenes	10.36	106	337240	101.207	ug/l	99
69) o-Xylene	10.70	106	165037	51.107	ug/l	98
70) Styrene	10.71	104	289051	51.927	ug/l	99
71) Bromoform	10.85	173	71267	53.517	ug/l #	99
73) Isopropylbenzene	11.02	105	436271	50.779	ug/l	100
74) N-amyl acetate	10.90	43	262972	52.025	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158149	48.401	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137213m	48.180	ug/l	
77) Bromobenzene	11.26	156	106031	51.337	ug/l	97
78) n-propylbenzene	11.36	91	502082	50.190	ug/l	100
79) 2-Chlorotoluene	11.42	91	299886	49.537	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	363720	50.434	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	53361	51.649	ug/l	99
82) 4-Chlorotoluene	11.51	91	341383	48.717	ug/l	98
83) tert-Butylbenzene	11.77	119	344569	49.662	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	366685	50.214	ug/l	99
85) sec-Butylbenzene	11.94	105	415796	50.451	ug/l	99
86) p-Isopropyltoluene	12.06	119	373237	50.457	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183254	49.561	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181950	48.595	ug/l	99
89) n-Butylbenzene	12.38	91	343448	49.509	ug/l	99
90) Hexachloroethane	12.60	117	62792	51.180	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	182818	49.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35937	49.997	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	127365	49.897	ug/l	99
94) Hexachlorobutadiene	13.78	225	63402	51.792	ug/l	100
95) Naphthalene	13.83	128	432478	50.694	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129821	50.903	ug/l	98

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

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