

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042219\
 Data File : VX009106.D
 Acq On : 22 Apr 2019 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 10:30:57 AM

Quant Time: Apr 23 04:29:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151176	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	5.50	113	113409	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
50) Toluene-d8	8.71	98	447069	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.13	95	156701	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	127680	56.773	ug/l	99
3) Chloromethane	1.32	50	149979	54.320	ug/l	98
4) Vinyl Chloride	1.41	62	145349	54.088	ug/l	99
5) Bromomethane	1.64	94	75758	45.403	ug/l	96
6) Chloroethane	1.71	64	85515	54.116	ug/l	97
7) Trichlorofluoromethane	1.92	101	166873	53.186	ug/l	99
8) Diethyl Ether	2.19	74	74939	52.226	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105665	52.673	ug/l	100
10) Methyl Iodide	2.51	142	121926	55.095	ug/l	100
11) Tert butyl alcohol	3.06	59	168323	275.577	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107124	51.160	ug/l	98
13) Acrolein	2.29	56	127825	242.204	ug/l	99
14) Allyl chloride	2.73	41	252185	55.204	ug/l	100
15) Acrylonitrile	3.14	53	427091	275.451	ug/l	100
16) Acetone	2.45	43	381060	267.042	ug/l	99
17) Carbon Disulfide	2.56	76	321241	52.153	ug/l	100
18) Methyl Acetate	2.78	43	193480	54.327	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	401535	53.819	ug/l	99
20) Methylene Chloride	2.85	84	127647	52.308	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	115608	51.764	ug/l	95
22) Diisopropyl ether	3.85	45	486248	54.777	ug/l	98
23) Vinyl Acetate	3.81	43	2212845	283.586	ug/l	98
24) 1,1-Dichloroethane	3.70	63	238733	53.575	ug/l	99
25) 2-Butanone	4.68	43	641123	281.082	ug/l	99
26) 2,2-Dichloropropane	4.58	77	167818	50.242	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	133877	52.797	ug/l	100
28) Bromochloromethane	5.02	49	101101	54.809	ug/l	100
29) Tetrahydrofuran	5.13	42	424269	277.907	ug/l	99
30) Chloroform	5.21	83	215683	54.090	ug/l	96
31) Cyclohexane	5.57	56	235562	53.748	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	178278	53.944	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168483	51.029	ug/l	99
37) Ethyl Acetate	4.84	43	241709	56.892	ug/l	99
38) Carbon Tetrachloride	5.78	117	148113	52.915	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210731	52.421	ug/l	97
40) Benzene	6.14	78	517541	53.134	ug/l	99
41) Methacrylonitrile	5.04	41	135334	55.502	ug/l	100
42) 1,2-Dichloroethane	6.19	62	183276	53.118	ug/l	99
43) Isopropyl Acetate	6.45	43	377672	55.162	ug/l	99
44) Trichloroethene	7.21	130	120200	50.365	ug/l	99
45) 1,2-Dichloropropane	7.51	63	146240	54.119	ug/l	99
46) Dibromomethane	7.66	93	83714	53.232	ug/l	99
47) Bromodichloromethane	7.90	83	167094	54.173	ug/l	99
48) Methyl methacrylate	7.77	41	190905	56.431	ug/l	99
49) 1,4-Dioxane	7.74	88	68122	1075.864	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1205518	276.382	ug/l	99
52) Toluene	8.79	92	310946	53.267	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	194039	54.662	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	214867	54.057	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125153	54.095	ug/l	99
56) Ethyl methacrylate	9.18	69	229091	55.223	ug/l	99
57) 1,3-Dichloropropane	9.37	76	223861	54.344	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	589509	263.886	ug/l	100
59) 2-Hexanone	9.49	43	908303	270.100	ug/l	99
60) Dibromochloromethane	9.58	129	123692	55.783	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129071	54.054	ug/l	99
64) Tetrachloroethene	9.34	164	107573	50.035	ug/l	97
65) Chlorobenzene	10.13	112	313082	52.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	113892	54.121	ug/l	100
67) Ethyl Benzene	10.25	91	584090	53.489	ug/l	98
68) m/p-Xylenes	10.36	106	420390	105.930	ug/l	100
69) o-Xylene	10.70	106	205166	53.131	ug/l	99
70) Styrene	10.71	104	352529	52.682	ug/l	99
71) Bromoform	10.85	173	89892	53.617	ug/l #	99
73) Isopropylbenzene	11.02	105	539148	53.882	ug/l	100
74) N-amyl acetate	10.90	43	317144	55.201	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193960	53.052	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	169435m	52.564	ug/l	
77) Bromobenzene	11.26	156	130813	51.815	ug/l	98
78) n-propylbenzene	11.36	91	622326	54.187	ug/l	100
79) 2-Chlorotoluene	11.42	91	365947	52.877	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	457291	54.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68559	54.604	ug/l	98
82) 4-Chlorotoluene	11.51	91	422544	52.571	ug/l	100
83) tert-Butylbenzene	11.77	119	433380	53.759	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	457808	53.562	ug/l	100
85) sec-Butylbenzene	11.94	105	515217	53.586	ug/l	99
86) p-Isopropyltoluene	12.06	119	472372	53.438	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	226393	51.236	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	228465	51.005	ug/l	99
89) n-Butylbenzene	12.38	91	439175	53.347	ug/l	100
90) Hexachloroethane	12.60	117	80186	54.992	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	228878	52.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44014	52.875	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	162393	51.558	ug/l	100
94) Hexachlorobutadiene	13.78	225	81901	52.136	ug/l	100
95) Naphthalene	13.83	128	532771	52.796	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161594	51.998	ug/l	100

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

