

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008651.D
 Acq On : 04 Apr 2019 21:33
 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
 4/5/2019 10:53:46 AM

Quant Time: Apr 05 08:53:42 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	184029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128900	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135504	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.50	113	100171	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.71	98	403241	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	147118	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	92932	43.870	ug/l	98
3) Chloromethane	1.32	50	126213	48.568	ug/l	100
4) Vinyl Chloride	1.40	62	126293	44.103	ug/l	97
5) Bromomethane	1.64	94	55884	40.008	ug/l	100
6) Chloroethane	1.71	64	78411	50.147	ug/l	99
7) Trichlorofluoromethane	1.92	101	142502	45.018	ug/l	99
8) Diethyl Ether	2.19	74	67917	45.244	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90474	44.393	ug/l	99
10) Methyl Iodide	2.51	142	61818	34.641	ug/l	100
11) Tert butyl alcohol	3.05	59	154434	245.758	ug/l	100
12) 1,1-Dichloroethene	2.37	96	94095	44.227	ug/l	96
13) Acrolein	2.29	56	52348	168.001	ug/l	99
14) Allyl chloride	2.73	41	221659	45.511	ug/l	99
15) Acrylonitrile	3.14	53	383357	230.281	ug/l	99
16) Acetone	2.45	43	326446	211.155	ug/l	100
17) Carbon Disulfide	2.57	76	279152	45.368	ug/l	99
18) Methyl Acetate	2.78	43	168719	44.998	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	361758	47.613	ug/l	99
20) Methylene Chloride	2.85	84	114998	44.438	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	101248	43.996	ug/l	97
22) Diisopropyl ether	3.85	45	431933	46.012	ug/l	92
23) Vinyl Acetate	3.81	43	1930110	236.348	ug/l	99
24) 1,1-Dichloroethane	3.70	63	212465	45.713	ug/l	99
25) 2-Butanone	4.67	43	565008	231.229	ug/l	99
26) 2,2-Dichloropropane	4.59	77	138663	42.359	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	118332	44.724	ug/l	98
28) Bromochloromethane	5.01	49	107233	55.570	ug/l	100
29) Tetrahydrofuran	5.13	42	370362	228.364	ug/l	100
30) Chloroform	5.21	83	189527	45.656	ug/l	99
31) Cyclohexane	5.58	56	200974	43.335	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	155746	46.427	ug/l	99
36) 1,1-Dichloropropene	5.80	75	146683	43.118	ug/l	99
37) Ethyl Acetate	4.84	43	211500	46.577	ug/l	99
38) Carbon Tetrachloride	5.79	117	127794	45.387	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178470	42.468	ug/l	99
40) Benzene	6.14	78	455707	44.965	ug/l	99
41) Methacrylonitrile	5.04	41	119912	45.941	ug/l	100
42) 1,2-Dichloroethane	6.20	62	162593	44.751	ug/l	100
43) Isopropyl Acetate	6.45	43	335508	47.167	ug/l	100
44) Trichloroethene	7.21	130	104641	44.331	ug/l	98
45) 1,2-Dichloropropane	7.51	63	130200	45.010	ug/l	98
46) Dibromomethane	7.66	93	74201	44.227	ug/l	99
47) Bromodichloromethane	7.90	83	146358	46.267	ug/l	99
48) Methyl methacrylate	7.77	41	170744	47.452	ug/l	99
49) 1,4-Dioxane	7.74	88	63967	948.990	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1111815	242.804	ug/l	100
52) Toluene	8.79	92	274330	45.913	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	168642	47.592	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	187408	46.286	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	112079	46.731	ug/l	99
56) Ethyl methacrylate	9.18	69	211800	48.808	ug/l	100
57) 1,3-Dichloropropane	9.37	76	198319	46.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	554058	250.048	ug/l	99
59) 2-Hexanone	9.49	43	850827	239.090	ug/l	99
60) Dibromochloromethane	9.58	129	108663	48.080	ug/l	99
61) 1,2-Dibromoethane	9.67	107	114445	45.836	ug/l	98
64) Tetrachloroethene	9.34	164	90035	43.808	ug/l	96
65) Chlorobenzene	10.14	112	278833	45.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	99490	46.120	ug/l	99
67) Ethyl Benzene	10.25	91	522805	45.596	ug/l	99
68) m/p-Xylenes	10.36	106	377384	91.539	ug/l	100
69) o-Xylene	10.69	106	183830	46.011	ug/l	100
70) Styrene	10.71	104	327066	47.491	ug/l	99
71) Bromoform	10.85	173	80250	48.708	ug/l #	99
73) Isopropylbenzene	11.02	105	486075	45.503	ug/l	99
74) N-amyl acetate	10.90	43	300740	47.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	185436	45.644	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161645m	45.649	ug/l	
77) Bromobenzene	11.26	156	118978	46.330	ug/l	99
78) n-propylbenzene	11.36	91	565806	45.489	ug/l	100
79) 2-Chlorotoluene	11.42	91	339627	45.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	415730	46.363	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61017	47.500	ug/l	99
82) 4-Chlorotoluene	11.51	91	391197	44.899	ug/l	99
83) tert-Butylbenzene	11.77	119	394586	45.739	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	415987	45.816	ug/l	100
85) sec-Butylbenzene	11.94	105	467996	45.671	ug/l	100
86) p-Isopropyltoluene	12.06	119	420802	45.753	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	207259	45.082	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208641	44.817	ug/l	99
89) n-Butylbenzene	12.38	91	390778	45.306	ug/l	99
90) Hexachloroethane	12.60	117	71252	46.709	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	208981	45.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40650	45.485	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	144797	45.623	ug/l	99
94) Hexachlorobutadiene	13.78	225	69748	45.824	ug/l	99
95) Naphthalene	13.83	128	494877	46.654	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144508	45.572	ug/l	99

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

