

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008412.D
 Acq On : 25 Mar 2019 14:54
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:46:35 AM

Quant Time: Mar 26 04:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	144175	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.49	113	107233	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.71	98	433369	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	161603	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105264	47.781	ug/l	100
3) Chloromethane	1.32	50	146790	45.189	ug/l	100
4) Vinyl Chloride	1.40	62	150485	47.234	ug/l	100
5) Bromomethane	1.64	94	79794	40.842	ug/l	100
6) Chloroethane	1.71	64	93340	49.427	ug/l	100
7) Trichlorofluoromethane	1.92	101	170980	47.325	ug/l	100
8) Diethyl Ether	2.18	74	81599	47.059	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103176	48.066	ug/l	100
10) Methyl Iodide	2.51	142	102899	39.738	ug/l	100
11) Tert butyl alcohol	3.05	59	164358	247.582	ug/l	100
12) 1,1-Dichloroethene	2.37	96	107535	48.358	ug/l	100
13) Acrolein	2.29	56	110626	204.617	ug/l	100
14) Allyl chloride	2.73	41	239110	48.773	ug/l	100
15) Acrylonitrile	3.14	53	407318	241.055	ug/l	100
16) Acetone	2.44	43	369357	247.888	ug/l	100
17) Carbon Disulfide	2.57	76	323228	45.587	ug/l	100
18) Methyl Acetate	2.77	43	173898	46.960	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	395857	49.486	ug/l	100
20) Methylene Chloride	2.85	84	126873	47.279	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	112973	47.085	ug/l	100
22) Diisopropyl ether	3.85	45	471039	49.262	ug/l	100
23) Vinyl Acetate	3.81	43	2122641	251.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	236635	48.585	ug/l	100
25) 2-Butanone	4.67	43	598083	244.981	ug/l	100
26) 2,2-Dichloropropane	4.59	77	162378	51.392	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	131972	47.995	ug/l	100
28) Bromochloromethane	5.01	49	114431	47.753	ug/l	100
29) Tetrahydrofuran	5.13	42	386734	239.732	ug/l	100
30) Chloroform	5.21	83	214591	48.835	ug/l	100
31) Cyclohexane	5.58	56	223674	47.978	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	174633	50.124	ug/l	100
36) 1,1-Dichloropropene	5.80	75	167410	49.374	ug/l	100
37) Ethyl Acetate	4.83	43	225799	49.412	ug/l	100
38) Carbon Tetrachloride	5.79	117	146441	50.258	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205526	49.414	ug/l	100
40) Benzene	6.14	78	510697	49.397	ug/l	100
41) Methacrylonitrile	5.04	41	127198	50.956	ug/l	100
42) 1,2-Dichloroethane	6.19	62	182381	48.602	ug/l	100
43) Isopropyl Acetate	6.45	43	359986	50.452	ug/l	100
44) Trichloroethene	7.21	130	116587	48.521	ug/l	100
45) 1,2-Dichloropropane	7.51	63	146544	50.065	ug/l	100
46) Dibromomethane	7.66	93	83469	48.148	ug/l	100
47) Bromodichloromethane	7.90	83	167360	50.525	ug/l	100
48) Methyl methacrylate	7.77	41	183179	50.707	ug/l	100
49) 1,4-Dioxane	7.74	88	72000	987.289	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1191340	253.442	ug/l	100
52) Toluene	8.79	92	305997	50.354	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	189368	53.063	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	211967	52.570	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	125353	49.666	ug/l	100
56) Ethyl methacrylate	9.18	69	234796	52.473	ug/l	100
57) 1,3-Dichloropropane	9.37	76	222924	49.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	609272	254.869	ug/l	100
59) 2-Hexanone	9.49	43	941405	259.571	ug/l	100
60) Dibromochloromethane	9.58	129	124244	52.975	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129488	50.609	ug/l	100
64) Tetrachloroethene	9.34	164	95786	48.803	ug/l	100
65) Chlorobenzene	10.13	112	312668	49.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112094	51.219	ug/l	100
67) Ethyl Benzene	10.25	91	598514	50.579	ug/l	100
68) m/p-Xylenes	10.36	106	433935	102.068	ug/l	100
69) o-Xylene	10.69	106	211641	50.906	ug/l	100
70) Styrene	10.71	104	372717	51.678	ug/l	100
71) Bromoform	10.85	173	91358	53.848	ug/l	100
73) Isopropylbenzene	11.02	105	559484	49.315	ug/l	100
74) N-amyl acetate	10.90	43	345986	52.089	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	217174	48.172	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	211475m	56.182	ug/l	
77) Bromobenzene	11.26	156	134149	49.794	ug/l	100
78) n-propylbenzene	11.36	91	663578	49.939	ug/l	100
79) 2-Chlorotoluene	11.42	91	398610	49.101	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	477698	49.480	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	70783	53.736	ug/l	100
82) 4-Chlorotoluene	11.51	91	458666	49.120	ug/l	100
83) tert-Butylbenzene	11.77	119	458054	49.951	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	482763	50.045	ug/l	100
85) sec-Butylbenzene	11.94	105	551183	49.972	ug/l	100
86) p-Isopropyltoluene	12.06	119	494834	50.902	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	238472	49.329	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	239427	48.608	ug/l	100
89) n-Butylbenzene	12.38	91	470955	50.791	ug/l	100
90) Hexachloroethane	12.59	117	82990	51.575	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	244008	49.717	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48278	50.330	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166636	50.233	ug/l	100
94) Hexachlorobutadiene	13.78	225	79940	51.043	ug/l	100
95) Naphthalene	13.83	128	574487	49.715	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	165736	49.741	ug/l	100

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

