

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030619\
 Data File : VX007856.D
 Acq On : 06 Mar 2019 11:53
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 10:35:07 AM

Quant Time: Mar 07 07:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	428155	146.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.20%	
35) Dibromofluoromethane	5.51	113	381733	147.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.12%	
50) Toluene-d8	8.71	98	1401775	147.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.08%	
62) 4-Bromofluorobenzene	11.14	95	524724	157.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	338792	142.741	ug/l	99
3) Chloromethane	1.33	50	416608	136.204	ug/l	99
4) Vinyl Chloride	1.41	62	442583	145.626	ug/l	99
7) Trichlorofluoromethane	1.92	101	560467	141.642	ug/l	96
8) Diethyl Ether	2.19	74	251031	146.505	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	350885	143.097	ug/l	99
10) Methyl Iodide	2.51	142	524769	150.854	ug/l	99
11) Tert butyl alcohol	3.10	59	496177	757.077	ug/l	99
12) 1,1-Dichloroethene	2.37	96	344340	145.683	ug/l	99
13) Acrolein	2.30	56	281390	711.030	ug/l	99
14) Allyl chloride	2.73	41	728020	146.579	ug/l	100
15) Acrylonitrile	3.16	53	1165620	704.619	ug/l	100
16) Acetone	2.46	43	1098867	647.817	ug/l	100
17) Carbon Disulfide	2.56	76	1069115	134.715	ug/l	100
18) Methyl Acetate	2.78	43	518510	143.886	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1191367	146.513	ug/l	100
20) Methylene Chloride	2.85	84	372478	137.975	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	367262	141.214	ug/l	100
22) Diisopropyl ether	3.87	45	1310244	143.911	ug/l	99
23) Vinyl Acetate	3.83	43	5816729	728.550	ug/l	99
24) 1,1-Dichloroethane	3.70	63	712439	145.408	ug/l	100
25) 2-Butanone	4.71	43	1666192	693.823	ug/l	99
26) 2,2-Dichloropropane	4.59	77	495701	152.710	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	431667	145.048	ug/l	100
28) Bromochloromethane	5.02	49	318354	139.371	ug/l	99
29) Tetrahydrofuran	5.16	42	1083309	723.193	ug/l	100
30) Chloroform	5.22	83	675521	145.753	ug/l	100
31) Cyclohexane	5.57	56	671519	149.125	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	582916	151.586	ug/l	99
36) 1,1-Dichloropropene	5.80	75	529039	144.467	ug/l	100
37) Ethyl Acetate	4.86	43	618130	142.239	ug/l	100
38) Carbon Tetrachloride	5.78	117	526398	151.411	ug/l	99
39) Methylcyclohexane	7.46	83	669956	150.981	ug/l	98
40) Benzene	6.14	78	1595273	146.328	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.07	41	346310	146.167	ug/l	100
42) 1,2-Dichloroethane	6.20	62	513791	144.108	ug/l	100
43) Isopropyl Acetate	6.46	43	968614	150.605	ug/l	100
44) Trichloroethene	7.21	130	433689	144.351	ug/l	99
45) 1,2-Dichloropropane	7.51	63	423291	147.005	ug/l	100
46) Dibromomethane	7.66	93	265283	145.580	ug/l	99
47) Bromodichloromethane	7.90	83	523933	151.649	ug/l	99
48) Methyl methacrylate	7.77	41	501748	148.384	ug/l	100
49) 1,4-Dioxane	7.76	88	209790	3020.227	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	3049540	737.297	ug/l	99
52) Toluene	8.79	92	969665	145.684	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	598086	165.857	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	656454	161.207	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	388318	144.120	ug/l	100
56) Ethyl methacrylate	9.18	69	639944	158.186	ug/l	99
57) 1,3-Dichloropropane	9.37	76	652916	144.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1597451	763.362	ug/l	100
59) 2-Hexanone	9.50	43	2401568	747.875	ug/l	99
60) Dibromochloromethane	9.59	129	437688	155.413	ug/l	99
61) 1,2-Dibromoethane	9.67	107	418367	146.247	ug/l	99
64) Tetrachloroethene	9.34	164	391427	134.037	ug/l	99
65) Chlorobenzene	10.14	112	1066886	144.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	396369	149.975	ug/l	100
67) Ethyl Benzene	10.25	91	1819433	149.887	ug/l	100
68) m/p-Xylenes	10.36	106	1405620	300.419	ug/l	99
69) o-Xylene	10.70	106	687135	152.116	ug/l	99
70) Styrene	10.71	104	1148889	155.427	ug/l	99
71) Bromoform	10.86	173	376993	166.101	ug/l #	100
73) Isopropylbenzene	11.02	105	1821386	138.731	ug/l	100
74) N-amyl acetate	10.90	43	899932	150.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	625136	138.040	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	580373m	141.300	ug/l	
77) Bromobenzene	11.26	156	492735	136.890	ug/l	98
78) n-propylbenzene	11.36	91	2085981	143.219	ug/l	100
79) 2-Chlorotoluene	11.42	91	1228931	137.999	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1543160	142.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	216110	169.581	ug/l	95
82) 4-Chlorotoluene	11.51	91	1447761	141.860	ug/l	100
83) tert-Butylbenzene	11.77	119	1601517	147.136	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1602472	144.663	ug/l	99
85) sec-Butylbenzene	11.94	105	1872840	146.094	ug/l	100
86) p-Isopropyltoluene	12.07	119	1706012	148.598	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	911578	143.150	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	914260	140.084	ug/l	100
89) n-Butylbenzene	12.39	91	1523657	156.648	ug/l	100
90) Hexachloroethane	12.60	117	300625	156.614	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	896276	141.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	144269	152.432	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	685007	154.139	ug/l	100
94) Hexachlorobutadiene	13.78	225	342529	147.421	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	1989567	155.375	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	662184	149.576	ug/l	99

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

