

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006214.D
 Acq On : 29 Nov 2018 16:18
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:20 AM

Quant Time: Nov 30 03:54:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	777904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1156853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1028582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	547425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	1147685	144.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.04%	
35) Dibromofluoromethane	5.51	113	1101372	147.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.08%	
50) Toluene-d8	8.72	98	3968498	145.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.32%	
62) 4-Bromofluorobenzene	11.14	95	1466143	142.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1204796	158.177	ug/l	99
3) Chloromethane	1.32	50	1168080	149.233	ug/l	97
4) Vinyl Chloride	1.41	62	1235271	146.635	ug/l	99
5) Bromomethane	1.64	94	842962	144.387	ug/l	99
6) Chloroethane	1.71	64	703040	136.112	ug/l	100
7) Trichlorofluoromethane	1.92	101	1971655	152.472	ug/l	99
8) Diethyl Ether	2.19	74	726999	148.549	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1091234	148.408	ug/l	99
10) Methyl Iodide	2.51	142	1696262	153.076	ug/l	100
11) Tert butyl alcohol	3.10	59	1583757	729.262	ug/l	99
12) 1,1-Dichloroethene	2.37	96	1042881	148.158	ug/l	100
13) Acrolein	2.30	56	897093	755.774	ug/l	99
14) Allyl chloride	2.73	41	2066209	148.597	ug/l	99
15) Acrylonitrile	3.16	53	3327896	734.332	ug/l	99
16) Acetone	2.45	43	2743950	736.289	ug/l	100
17) Carbon Disulfide	2.56	76	3273396	150.917	ug/l	100
18) Methyl Acetate	2.78	43	1822583	146.240	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	3744262	149.110	ug/l	99
20) Methylene Chloride	2.85	84	1133121	142.865	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	1112780	148.347	ug/l	97
22) Diisopropyl ether	3.87	45	3237304	149.057	ug/l	98
23) Vinyl Acetate	3.83	43	13766688	743.175	ug/l	99
24) 1,1-Dichloroethane	3.70	63	1801336	145.107	ug/l	99
25) 2-Butanone	4.71	43	3775277	709.971	ug/l	97
26) 2,2-Dichloropropane	4.58	77	1632875	142.527	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	1235192	147.624	ug/l	99
28) Bromochloromethane	5.02	49	799169	147.386	ug/l	100
29) Tetrahydrofuran	5.16	42	2642804	715.110	ug/l	99
30) Chloroform	5.22	83	1892667	145.083	ug/l	96
31) Cyclohexane	5.57	56	1671968	145.739	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	1793160	144.467	ug/l	100
36) 1,1-Dichloropropene	5.80	75	1435743	147.378	ug/l	100
37) Ethyl Acetate	4.86	43	1575402	144.404	ug/l	100
38) Carbon Tetrachloride	5.78	117	1679862	146.578	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1854053	146.619	ug/l	98
40) Benzene	6.14	78	4291414	147.078	ug/l	100
41) Methacrylonitrile	5.07	41	856313	142.646	ug/l	99
42) 1,2-Dichloroethane	6.20	62	1418517	148.546	ug/l	99
43) Isopropyl Acetate	6.46	43	2622940	144.196	ug/l	99
44) Trichloroethene	7.21	130	1315439	148.818	ug/l	96
45) 1,2-Dichloropropane	7.52	63	1086239	146.480	ug/l	99
46) Dibromomethane	7.66	93	790867	147.669	ug/l	100
47) Bromodichloromethane	7.90	83	1542335	148.709	ug/l	100
48) Methyl methacrylate	7.77	41	1275921	144.189	ug/l	100
49) 1,4-Dioxane	7.76	88	601914	2759.853	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	7559404	713.897	ug/l	99
52) Toluene	8.79	92	2797565	145.737	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1807146	148.988	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	1862258	147.856	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	1133185	145.308	ug/l	99
56) Ethyl methacrylate	9.18	69	1744058	143.054	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1796495	145.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	4538860	733.658	ug/l	99
59) 2-Hexanone	9.50	43	5830526	720.711	ug/l	100
60) Dibromochloromethane	9.59	129	1411544	146.787	ug/l	100
61) 1,2-Dibromoethane	9.68	107	1267486	145.356	ug/l	99
64) Tetrachloroethene	9.34	164	1151102	148.603	ug/l	99
65) Chlorobenzene	10.14	112	3214540	147.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	1248527	147.172	ug/l	100
67) Ethyl Benzene	10.25	91	5300880	145.969	ug/l	99
68) m/p-Xylenes	10.36	106	4246012	291.886	ug/l	98
69) o-Xylene	10.70	106	2084321	145.059	ug/l	100
70) Styrene	10.71	104	3391456	145.935	ug/l	98
71) Bromoform	10.86	173	1215491	151.780	ug/l	100
73) Isopropylbenzene	11.02	105	5340248	141.259	ug/l	99
74) N-amyl acetate	10.90	43	2416599	148.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1745271	144.303	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1562208m	109.889	ug/l	
77) Bromobenzene	11.26	156	1499774	142.953	ug/l	99
78) n-propylbenzene	11.36	91	6067929	144.394	ug/l	100
79) 2-Chlorotoluene	11.42	91	3565003	142.731	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	4531513	144.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	656936	145.904	ug/l	96
82) 4-Chlorotoluene	11.51	91	4234109	145.804	ug/l	100
83) tert-Butylbenzene	11.77	119	4771014	142.161	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	4644507	142.998	ug/l	99
85) sec-Butylbenzene	11.95	105	5504324	144.168	ug/l	100
86) p-Isopropyltoluene	12.07	119	4984230	144.976	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	2748524	147.232	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2768618	147.889	ug/l	100
89) n-Butylbenzene	12.39	91	4461734	152.099	ug/l	99
90) Hexachloroethane	12.60	117	1035107	147.726	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	2692258	145.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	444560	143.392	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	2071954	153.287	ug/l	100
94) Hexachlorobutadiene	13.79	225	909274	152.111	ug/l	100
95) Naphthalene	13.83	128	6210889	147.717	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	2050426	153.154	ug/l	99

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

