

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012887.D
 Acq On : 08 Oct 2019 13:00
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:45 AM

Quant Time: Oct 09 01:52:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	134493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	341591	135.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.42%	
35) Dibromofluoromethane	5.48	113	272980	150.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.68%	
50) Toluene-d8	8.71	98	1041891	148.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.16%	
62) 4-Bromofluorobenzene	11.14	95	419514	152.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	283230	141.832	ug/l	98
3) Chloromethane	1.31	50	293798	130.290	ug/l	97
4) Vinyl Chloride	1.40	62	315260	140.129	ug/l	99
5) Bromomethane	1.62	94	122195	137.049	ug/l	97
7) Trichlorofluoromethane	1.91	101	423743	134.410	ug/l	99
8) Diethyl Ether	2.18	74	169268	131.577	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	271610	140.671	ug/l	99
10) Methyl Iodide	2.49	142	319478	174.136	ug/l	100
11) Tert butyl alcohol	3.06	59	452174	716.634	ug/l	100
12) 1,1-Dichloroethene	2.36	96	274615	145.311	ug/l	94
13) Acrolein	2.28	56	321454	923.940	ug/l	100
14) Allyl chloride	2.71	41	505441	136.315	ug/l	99
15) Acrylonitrile	3.14	53	871975	679.285	ug/l	100
16) Acetone	2.44	43	828546	619.083	ug/l	100
17) Carbon Disulfide	2.55	76	784000	147.714	ug/l	99
18) Methyl Acetate	2.76	43	413874	130.868	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	979352	138.049	ug/l	98
20) Methylene Chloride	2.84	84	311770	135.968	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	296154	141.660	ug/l	99
22) Diisopropyl ether	3.85	45	942790	131.515	ug/l	96
23) Vinyl Acetate	3.81	43	4211340	672.108	ug/l	100
24) 1,1-Dichloroethane	3.69	63	539651	138.186	ug/l	99
25) 2-Butanone	4.67	43	1261853	658.944	ug/l	99
26) 2,2-Dichloropropane	4.57	77	455174	131.712	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	338484	139.588	ug/l	100
28) Bromochloromethane	5.00	49	152058	109.767	ug/l	99
29) Tetrahydrofuran	5.12	42	784224	670.814	ug/l	99
30) Chloroform	5.20	83	532703	133.006	ug/l	99
31) Cyclohexane	5.56	56	492426	138.940	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	484076	137.097	ug/l	99
36) 1,1-Dichloropropene	5.79	75	415759	141.568	ug/l	99
37) Ethyl Acetate	4.83	43	469089	138.349	ug/l	99
38) Carbon Tetrachloride	5.78	117	420675	142.317	ug/l	99
39) Methylcyclohexane	7.46	83	511652	144.149	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	1225157	142.164	ug/l	98
41) Methacrylonitrile	5.03	41	259360	136.876	ug/l	98
42) 1,2-Dichloroethane	6.18	62	434883	134.061	ug/l	99
43) Isopropyl Acetate	6.43	43	774713	136.928	ug/l	99
44) Trichloroethene	7.20	130	321084	144.715	ug/l	94
45) 1,2-Dichloropropane	7.51	63	312000	141.425	ug/l	100
46) Dibromomethane	7.65	93	210889	140.602	ug/l	98
47) Bromodichloromethane	7.89	83	434699	145.733	ug/l	99
48) Methyl methacrylate	7.76	41	381471	140.764	ug/l	99
49) 1,4-Dioxane	7.74	88	192773	3095.224	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2393075	685.132	ug/l	100
52) Toluene	8.78	92	781075	144.277	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	503998	152.567	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	533126	147.598	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	312081	145.026	ug/l	99
56) Ethyl methacrylate	9.17	69	550467	152.679	ug/l	99
57) 1,3-Dichloropropane	9.37	76	535080	142.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1164334	724.099	ug/l	99
59) 2-Hexanone	9.49	43	1844017	691.138	ug/l	99
60) Dibromochloromethane	9.58	129	339740	155.816	ug/l	99
61) 1,2-Dibromoethane	9.67	107	333968	149.109	ug/l	100
64) Tetrachloroethene	9.33	164	270307	137.799	ug/l	93
65) Chlorobenzene	10.14	112	834140	142.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	312036	147.066	ug/l	99
67) Ethyl Benzene	10.25	91	1515477	142.700	ug/l	97
68) m/p-Xylenes	10.35	106	1139464	286.662	ug/l	100
69) o-Xylene	10.70	106	559636	145.285	ug/l	98
70) Stvrene	10.71	104	994973	153.936	ug/l	100
71) Bromoform	10.85	173	256350	172.484	ug/l	100
73) Isopropylbenzene	11.01	105	1470049	134.112	ug/l	100
74) N-amyl acetate	10.89	43	696744	135.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	485267	134.457	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	450279m	130.874	ug/l	
77) Bromobenzene	11.25	156	350691	140.850	ug/l	100
78) n-propylbenzene	11.35	91	1696951	138.232	ug/l	99
79) 2-Chlorotoluene	11.42	91	1027536	133.874	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1272279	138.504	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	184501	151.032	ug/l	96
82) 4-Chlorotoluene	11.51	91	1176797	134.404	ug/l	99
83) tert-Butylbenzene	11.77	119	1243763	139.787	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1309806	141.059	ug/l	100
85) sec-Butylbenzene	11.94	105	1415873	136.907	ug/l	99
86) p-Isopropyltoluene	12.06	119	1375121	147.485	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	653806	145.378	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	654267	144.524	ug/l	99
89) n-Butylbenzene	12.38	91	1153301	140.972	ug/l	98
90) Hexachloroethane	12.59	117	248509	150.381	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	618454	137.962	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	124147	138.651	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	420156	152.610	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	185127	154.913	ug/l	99
95) Naphthalene	13.83	128	1440213	146.050	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	412955	150.056	ug/l	99

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

