

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060719\
 Data File : VX010106.D
 Acq On : 07 Jun 2019 13:27
 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
 6/10/2019 10:53:45 AM

Quant Time: Jun 07 13:52:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:13:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	305400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	468071	162.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.46%	
35) Dibromofluoromethane	5.50	113	445826	156.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.58%	
50) Toluene-d8	8.72	98	1645843	152.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.42%	
62) 4-Bromofluorobenzene	11.13	95	618410	152.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	475576	156.832	ug/l	99
3) Chloromethane	1.32	50	409022	147.360	ug/l	99
4) Vinyl Chloride	1.41	62	434401	166.523	ug/l	99
5) Bromomethane	1.64	94	135515	139.225	ug/l	100
7) Trichlorofluoromethane	1.92	101	592515	155.275	ug/l	100
8) Diethyl Ether	2.19	74	197225	155.706	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	405389	157.628	ug/l	92
10) Methyl Iodide	2.50	142	664667	156.669	ug/l	97
11) Tert butyl alcohol	3.07	59	543746	753.526	ug/l	99
12) 1,1-Dichloroethene	2.36	96	413486	155.924	ug/l #	81
13) Acrolein	2.30	56	107054	737.909	ug/l	99
14) Allyl chloride	2.72	41	625904	157.362	ug/l #	87
15) Acrylonitrile	3.15	53	1116131	762.731	ug/l	99
16) Acetone	2.45	43	1007385	747.279	ug/l #	89
17) Carbon Disulfide	2.56	76	1170558	156.789	ug/l	99
18) Methyl Acetate	2.78	43	464927	160.385	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	1335343	157.382	ug/l	94
20) Methylene Chloride	2.85	84	453591	155.414	ug/l #	79
21) trans-1,2-Dichloroethene	3.16	96	435953	152.101	ug/l #	80
22) Diisopropyl ether	3.86	45	1209073	154.938	ug/l #	81
23) Vinyl Acetate	3.82	43	5378386	764.756	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	725103	157.951	ug/l	96
25) 2-Butanone	4.68	43	1575883	763.868	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	650873	154.024	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	514508	157.351	ug/l	80
28) Bromochloromethane	5.02	49	324166	156.289	ug/l #	50
29) Tetrahydrofuran	5.13	42	987852	774.962	ug/l #	75
30) Chloroform	5.21	83	763643	157.099	ug/l	99
31) Cyclohexane	5.57	56	670479	156.485	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	701133	158.250	ug/l	94
36) 1,1-Dichloropropene	5.80	75	576811	157.081	ug/l	93
37) Ethyl Acetate	4.84	43	597601	154.594	ug/l #	92
38) Carbon Tetrachloride	5.78	117	637064	153.146	ug/l	100
39) Methylcyclohexane	7.46	83	770251	154.962	ug/l #	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	1766239	152.864	ug/l	99
41) Methacrylonitrile	5.05	41	320280	151.685	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	568715	154.863	ug/l	95
43) Isopropyl Acetate	6.45	43	987344	153.305	ug/l #	89
44) Trichloroethene	7.21	130	527130	154.620	ug/l	89
45) 1,2-Dichloropropane	7.51	63	444953	154.053	ug/l	99
46) Dibromomethane	7.66	93	325027	156.275	ug/l	93
47) Bromodichloromethane	7.90	83	631995	155.815	ug/l	99
48) Methyl methacrylate	7.77	41	470497	150.740	ug/l #	79
49) 1,4-Dioxane	7.74	88	249493	2906.649	ug/l #	81
51) 4-Methyl-2-Pentanone	8.65	43	2798810	695.730	ug/l	89
52) Toluene	8.79	92	1131929	151.129	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	727459	154.422	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	774086	154.933	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	472175	150.612	ug/l	97
56) Ethyl methacrylate	9.18	69	741010	147.542	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	737559	151.540	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	1682542	701.914	ug/l #	86
59) 2-Hexanone	9.49	43	2218931	697.060	ug/l	88
60) Dibromochloromethane	9.58	129	563755	152.058	ug/l	100
61) 1,2-Dibromoethane	9.67	107	521836	151.742	ug/l	100
64) Tetrachloroethene	9.33	164	445163	154.096	ug/l	99
65) Chlorobenzene	10.14	112	1256142	151.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	496294	155.679	ug/l	100
67) Ethyl Benzene	10.25	91	2137011	151.537	ug/l	94
68) m/p-Xylenes	10.36	106	1596673	292.540	ug/l	91
69) o-Xylene	10.70	106	791018	147.377	ug/l	90
70) Stvrene	10.71	104	1364195	146.247	ug/l	96
71) Bromoform	10.86	173	459290	155.285	ug/l #	98
73) Isopropylbenzene	11.02	105	2104637	150.309	ug/l	95
74) N-amyl acetate	10.90	43	871751	156.037	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	721758	152.265	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	577098m	145.787	ug/l	
77) Bromobenzene	11.26	156	569965	148.818	ug/l	86
78) n-propylbenzene	11.36	91	2397680	152.453	ug/l	94
79) 2-Chlorotoluene	11.42	91	1416607	151.448	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	1725809	147.316	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	289136	156.670	ug/l	84
82) 4-Chlorotoluene	11.51	91	1597335	147.684	ug/l	94
83) tert-Butylbenzene	11.77	119	1800117	151.918	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1803304	151.874	ug/l	97
85) sec-Butylbenzene	11.94	105	2101533	151.631	ug/l	96
86) p-Isopropyltoluene	12.06	119	1925472	150.984	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	1038354	153.430	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1032126	154.843	ug/l	98
89) n-Butylbenzene	12.38	91	1679097	151.957	ug/l	97
90) Hexachloroethane	12.60	117	394213	156.553	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	972938	148.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	179792	165.236	ug/l	73
93) 1,2,4-Trichlorobenzene	13.65	180	749508	160.296	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	316682	152.273	ug/l	98
95) Naphthalene	13.83	128	2385358	158.161	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	743847	160.512	ug/l	99

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

