

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091118\
 Data File : VX004469.D
 Acq On : 11 Sep 2018 14:47
 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
 9/12/2018 11:26:30 AM

Quant Time: Sep 12 02:18:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 01:43:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	446757	145.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.62%	
35) Dibromofluoromethane	5.50	113	425945	137.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.64%	
50) Toluene-d8	8.72	98	1512486	145.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.80%	
62) 4-Bromofluorobenzene	11.14	95	591780	159.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	365129	163.95	ug/l	94
3) Chloromethane	1.32	50	486694	158.80	ug/l	95
4) Vinyl Chloride	1.40	62	502170	159.64	ug/l	100
7) Trichlorofluoromethane	1.91	101	645952	154.90	ug/l	86
8) Diethyl Ether	2.18	74	299203	160.04	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	405585	153.31	ug/l	98
10) Methyl Iodide	2.50	142	520090	178.76	ug/l	99
11) Tert butyl alcohol	3.10	59	589477	806.28	ug/l	99
12) 1,1-Dichloroethene	2.36	96	391068	157.51	ug/l	95
13) Acrolein	2.29	56	260856	903.87	ug/l	100
14) Allyl chloride	2.72	41	812522	159.18	ug/l	94
15) Acrylonitrile	3.15	53	1417140	804.93	ug/l	98
16) Acetone	2.45	43	1088607	727.95	ug/l	97
17) Carbon Disulfide	2.56	76	1222925	170.40	ug/l	100
18) Methyl Acetate	2.78	43	633051	150.88	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	1373424	157.65	ug/l	99
20) Methylene Chloride	2.85	84	460619	150.15	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	439308	160.12	ug/l	90
22) Diisopropyl ether	3.87	45	1463242	159.16	ug/l	96
23) Vinyl Acetate	3.82	43	6252046	840.35	ug/l	98
24) 1,1-Dichloroethane	3.69	63	835495	160.97	ug/l	99
25) 2-Butanone	4.71	43	1835167	771.07	ug/l	93
26) 2,2-Dichloropropane	4.58	77	565316	158.57	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	502163	163.96	ug/l	97
28) Bromochloromethane	5.03	49	362824	152.82	ug/l	97
29) Tetrahydrofuran	5.16	42	1179542	821.81	ug/l	97
30) Chloroform	5.21	83	769250	151.80	ug/l	98
31) Cyclohexane	5.57	56	747618	168.68	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	676722	165.81	ug/l	99
36) 1,1-Dichloropropene	5.80	75	573060	139.25	ug/l	99
37) Ethyl Acetate	4.87	43	685937	146.55	ug/l	100
38) Carbon Tetrachloride	5.78	117	556033	138.34	ug/l	96
39) Methylcyclohexane	7.46	83	704507	164.05	ug/l	98
40) Benzene	6.14	78	1673611	137.07	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.06	41	397226	154.04	ug/l	97
42) 1,2-Dichloroethane	6.20	62	553292	136.63	ug/l	98
43) Isopropyl Acetate	6.47	43	971288	156.24	ug/l	98
44) Trichloroethene	7.21	130	465580	146.77	ug/l	96
45) 1,2-Dichloropropane	7.52	63	437109	148.78	ug/l	99
46) Dibromomethane	7.66	93	278106	149.83	ug/l	98
47) Bromodichloromethane	7.90	83	549928	156.67	ug/l	99
48) Methyl methacrylate	7.78	41	510558	165.95	ug/l	96
49) 1,4-Dioxane	7.76	88	230167	3160.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	3268670	745.08	ug/l	99
52) Toluene	8.79	92	1057192	146.96	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	647518	157.92	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	687723	164.53	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	425341	137.32	ug/l	97
56) Ethyl methacrylate	9.18	69	707670	161.50	ug/l	98
57) 1,3-Dichloropropane	9.37	76	718600	142.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1741014	866.05	ug/l	95
59) 2-Hexanone	9.50	43	2534255	753.12	ug/l	99
60) Dibromochloromethane	9.59	129	462288	158.53	ug/l	100
61) 1,2-Dibromoethane	9.68	107	451045	152.43	ug/l	99
64) Tetrachloroethene	9.34	164	516312	127.19	ug/l	97
65) Chlorobenzene	10.14	112	1207587	149.52	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	435331	156.31	ug/l	99
67) Ethyl Benzene	10.26	91	2092429	159.34	ug/l	99
68) m/p-Xylenes	10.36	106	1632082	322.64	ug/l	98
69) o-Xylene	10.70	106	800176	164.54	ug/l	99
70) Styrene	10.71	104	1368795	169.89	ug/l	98
71) Bromoform	10.86	173	396194	173.25	ug/l	99
73) Isopropylbenzene	11.02	105	2116475	152.96	ug/l	100
74) N-amyl acetate	10.90	43	976538	167.68	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	674917	151.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	609323m	148.43	ug/l	
77) Bromobenzene	11.26	156	576161	150.65	ug/l	98
78) n-propylbenzene	11.37	91	2484052	156.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	1453988	150.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1847847	158.86	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	232687	175.46	ug/l	92
82) 4-Chlorotoluene	11.51	91	1754974	155.84	ug/l	100
83) tert-Butylbenzene	11.77	119	1782250	160.94	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1910043	160.83	ug/l	99
85) sec-Butylbenzene	11.95	105	2236213	158.46	ug/l	99
86) p-Isopropyltoluene	12.07	119	2033456	163.17	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1077037	150.94	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1097598	148.87	ug/l	99
89) n-Butylbenzene	12.39	91	1884877	165.98	ug/l	99
90) Hexachloroethane	12.60	117	333071	166.95	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1095132	151.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	158007	165.80	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	847119	165.65	ug/l	99
94) Hexachlorobutadiene	13.79	225	404797	151.54	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	2446438	170.56	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	834213	158.78	ug/l	99

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

