

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051812.D
 Acq On : 11 Oct 2018 12:46
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 3:00:15 PM

Quant Time: Oct 11 13:08:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 13:05:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1005433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1471358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1399134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	775104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1384650	142.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.36%	
35) Dibromofluoromethane	7.59	113	1398342	153.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.14%	
50) Toluene-d8	10.09	98	5237519	154.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.12%	
62) 4-Bromofluorobenzene	12.40	95	1898480	164.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	899042	163.49	ug/l	100
3) Chloromethane	2.06	50	933199	135.88	ug/l	99
4) Vinyl Chloride	2.18	62	1434031	139.84	ug/l	99
5) Bromomethane	2.53	94	1266265	136.32	ug/l	100
6) Chloroethane	2.68	64	1017987	134.36	ug/l	100
7) Trichlorofluoromethane	3.00	101	2055807	134.13	ug/l	99
8) Diethyl Ether	3.41	74	623699	150.25	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1145300	141.27	ug/l	98
10) Methyl Iodide	3.95	142	1772832	172.63	ug/l	95
11) Tert butyl alcohol	4.80	59	537165	762.59	ug/l	100
12) 1,1-Dichloroethene	3.73	96	1078976	149.42	ug/l	90
13) Acrolein	3.61	56	562368	866.13	ug/l	98
14) Allyl chloride	4.32	41	1330162	146.19	ug/l #	78
15) Acrylonitrile	4.99	53	1813336	796.33	ug/l	99
16) Acetone	3.82	43	1354375	637.09	ug/l	100
17) Carbon Disulfide	4.05	76	3000656	154.34	ug/l	99
18) Methyl Acetate	4.33	43	803119	133.17	ug/l #	87
19) Methyl tert-butyl Ether	5.05	73	3423733	150.84	ug/l	92
20) Methylene Chloride	4.55	84	1238734	143.36	ug/l	87
21) trans-1,2-Dichloroethene	5.04	96	1287658	152.36	ug/l	87
22) Diisopropyl ether	5.96	45	2914686	144.71	ug/l #	90
23) Vinyl Acetate	5.90	43	11163602	764.59	ug/l #	90
24) 1,1-Dichloroethane	5.85	63	1995161	144.09	ug/l	97
25) 2-Butanone	6.84	43	2097036	709.59	ug/l #	86
26) 2,2-Dichloropropane	6.83	77	2011760	143.39	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1486150	152.59	ug/l	87
28) Bromochloromethane	7.20	49	822219	141.05	ug/l #	58
29) Tetrahydrofuran	7.21	42	1298226	742.62	ug/l #	77
30) Chloroform	7.37	83	2426929	147.08	ug/l	100
31) Cyclohexane	7.65	56	1653780	120.46	ug/l #	82
32) 1,1,1-Trichloroethane	7.57	97	2335395	151.49	ug/l	95
36) 1,1-Dichloropropene	7.80	75	1736328	144.95	ug/l	94
37) Ethyl Acetate	6.93	43	931385	152.76	ug/l #	96
38) Carbon Tetrachloride	7.78	117	2175159	159.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	2204321	150.77	ug/l #	88
40) Benzene	8.04	78	5139461	149.48	ug/l	100
41) Methacrylonitrile	7.17	41	442402	150.06	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	1654636	146.28	ug/l	99
43) Isopropyl Acetate	8.17	43	1810730	146.19	ug/l #	84
44) Trichloroethene	8.84	130	1622045	156.11	ug/l	95
45) 1,2-Dichloropropane	9.12	63	1176292	144.74	ug/l	100
46) Dibromomethane	9.21	93	958137	155.47	ug/l	98
47) Bromodichloromethane	9.40	83	1957994	159.77	ug/l	98
48) Methyl methacrylate	9.20	41	840199	155.09	ug/l #	78
49) 1,4-Dioxane	9.20	88	332839	3701.41	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	4893956	775.20	ug/l	96
52) Toluene	10.16	92	3662828	160.62	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	2039164	167.49	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	2141024	158.64	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	1346421	156.19	ug/l	96
56) Ethyl methacrylate	10.43	69	1672010	166.59	ug/l #	89
57) 1,3-Dichloropropane	10.71	76	2035223	151.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	3626502	829.10	ug/l #	86
59) 2-Hexanone	10.75	43	3446940	777.83	ug/l	95
60) Dibromochloromethane	10.90	129	1781812	178.37	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1480407	169.12	ug/l	99
64) Tetrachloroethene	10.63	164	1551862	143.58	ug/l	99
65) Chlorobenzene	11.44	112	4331702	153.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1685349	157.59	ug/l	99
67) Ethyl Benzene	11.51	91	7145235	153.06	ug/l	96
68) m/p-Xylenes	11.62	106	5921010	315.65	ug/l	93
69) o-Xylene	11.95	106	2894172	159.08	ug/l	92
70) Styrene	11.97	104	4772918	172.58	ug/l	97
71) Bromoform	12.13	173	1364754	190.41	ug/l #	100
73) Isopropylbenzene	12.25	105	7739734	126.15	ug/l	97
74) N-amyl acetate	12.07	43	1712518	143.55	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	1694650	125.69	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	1460641m	133.66	ug/l	
77) Bromobenzene	12.53	156	2099599	139.31	ug/l	85
78) n-propylbenzene	12.59	91	8432120	132.14	ug/l	94
79) 2-Chlorotoluene	12.68	91	4886867	126.29	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	6538352	131.60	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	528683	158.56	ug/l	93
82) 4-Chlorotoluene	12.78	91	5052533	137.64	ug/l	94
83) tert-Butylbenzene	12.99	119	5949545	128.69	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	6670451	135.43	ug/l	98
85) sec-Butylbenzene	13.17	105	7867851	131.83	ug/l	97
86) p-Isopropyltoluene	13.29	119	7331519	141.17	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	3892033	153.39	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	3767636	153.16	ug/l	98
89) n-Butylbenzene	13.62	91	5852766	153.72	ug/l	97
90) Hexachloroethane	13.88	117	1312249	138.86	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	3698790	150.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	280245	144.17	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2095213	209.65	ug/l	98
94) Hexachlorobutadiene	15.01	225	1099611	136.08	ug/l	100
95) Naphthalene	15.14	128	4678934	213.56	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	2006318	194.45	ug/l	99

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

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