Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091718\
Data File : VN051269.D
Acq On : 17 Sep 2018 12:24
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
9/19/2018 4:57:51 PM

Quant Time: Sep 18 05:43:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	575182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	794147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	733626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	391231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	928112	145.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 291.46%			
35) Dibromofluoromethane	7.59	113	926242	154.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 308.06%			
50) Toluene-d8	10.09	98	3566945	156.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 313.50%			
62) 4-Bromofluorobenzene	12.40	95	1219905	162.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 325.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	813909	144.20	ug/l	100
3) Chloromethane	2.06	50	1060351	133.47	ug/l	99
4) Vinyl Chloride	2.18	62	1082635	141.30	ug/l	99
5) Bromomethane	2.55	94	677152	132.02	ug/l	98
6) Chloroethane	2.69	64	644673	136.67	ug/l	98
7) Trichlorofluoromethane	3.01	101	1502783	147.19	ug/l	98
8) Diethyl Ether	3.41	74	521265	141.39	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	916778	140.06	ug/l	100
10) Methyl Iodide	3.95	142	1094139	192.38	ug/l	99
11) Tert butyl alcohol	4.79	59	271178	571.22	ug/l	99
12) 1,1-Dichloroethene	3.73	96	876295	142.72	ug/l	100
13) Acrolein	3.61	56	409422	735.81	ug/l	99
14) Allyl chloride	4.32	41	1333969	143.22	ug/l	100
15) Acrylonitrile	4.99	53	1416758	661.27	ug/l	99
16) Acetone	3.82	43	986577	558.56	ug/l	99
17) Carbon Disulfide	4.05	76	2678599	132.09	ug/l	100
18) Methyl Acetate	4.33	43	630570	123.93	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2252904	140.42	ug/l	98
20) Methylene Chloride	4.55	84	965679	136.18	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	933154	139.83	ug/l	99
22) Diisopropyl ether	5.95	45	2586457	140.09	ug/l	96
23) Vinyl Acetate	5.90	43	8757470	704.21	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1632278	138.45	ug/l	99
25) 2-Butanone	6.84	43	1486041	603.32	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1344245	139.35	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1045434	143.38	ug/l	99
28) Bromochloromethane	7.20	49	714238	138.24	ug/l	98
29) Tetrahydrofuran	7.21	42	970722	630.25	ug/l	99
30) Chloroform	7.37	83	1638195	139.72	ug/l	99
31) Cyclohexane	7.65	56	1509115	126.94	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1453927	144.87	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1320887	150.17	ug/l	99
37) Ethyl Acetate	6.93	43	671371	134.51	ug/l	100
38) Carbon Tetrachloride	7.78	117	1334534	152.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	1548729	159.89	ug/l		98
40) Benzene	8.04	78	3910470	147.79	ug/l		99
41) Methacrylonitrile	7.18	41	330649	125.65	ug/l		86
42) 1,2-Dichloroethane	8.13	62	1120700	145.22	ug/l		100
43) Isopropyl Acetate	8.17	43	1219233	138.57	ug/l		99
44) Trichloroethene	8.83	130	1092622	150.53	ug/l		97
45) 1,2-Dichloropropane	9.12	63	995231	145.82	ug/l		100
46) Dibromomethane	9.21	93	591567	141.85	ug/l		100
47) Bromodichloromethane	9.40	83	1292615	151.76	ug/l		99
48) Methyl methacrylate	9.20	41	631095	146.93	ug/l		99
49) 1,4-Dioxane	9.20	88	173340	2588.87	ug/l		97
51) 4-Methyl-2-Pentanone	9.99	43	3207987	660.19	ug/l		100
52) Toluene	10.16	92	2468121	153.06	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	1347601	159.38	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	1555418	156.43	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	844528	144.73	ug/l		100
56) Ethyl methacrylate	10.43	69	1075366	155.73	ug/l		98
57) 1,3-Dichloropropane	10.71	76	1420468	147.02	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	2495065	870.02	ug/l		100
59) 2-Hexanone	10.75	43	2100662	640.43	ug/l		98
60) Dibromochloromethane	10.90	129	1036001	156.05	ug/l		99
61) 1,2-Dibromoethane	11.01	107	860870	150.54	ug/l		98
64) Tetrachloroethene	10.63	164	990820	145.59	ug/l		98
65) Chlorobenzene	11.43	112	2778565	149.13	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1030334	152.61	ug/l		100
67) Ethyl Benzene	11.51	91	4721110	156.58	ug/l		99
68) m/p-Xylenes	11.62	106	3682826	317.40	ug/l		100
69) o-Xylene	11.95	106	1775510	157.97	ug/l		99
70) Styrene	11.96	104	2879658	165.43	ug/l		100
71) Bromoform	12.13	173	726408	153.76	ug/l	#	100
73) Isopropylbenzene	12.25	105	4651010	141.23	ug/l		100
74) N-amyl acetate	12.07	43	1013025	125.33	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	985081	113.16	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	782719m	111.87	ug/l		
77) Bromobenzene	12.53	156	1217593	137.30	ug/l		99
78) n-propylbenzene	12.59	91	5230346	144.47	ug/l		100
79) 2-Chlorotoluene	12.67	91	3074956	135.89	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	3825146	143.44	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	277661	136.70	ug/l		98
82) 4-Chlorotoluene	12.77	91	3129729	139.61	ug/l		100
83) tert-Butylbenzene	12.99	119	3334874	141.80	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	3886765	148.34	ug/l		100
85) sec-Butylbenzene	13.17	105	4359287	144.41	ug/l		100
86) p-Isopropyltoluene	13.29	119	3928777	153.67	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	2128626	141.87	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	2086305	141.21	ug/l		100
89) n-Butylbenzene	13.61	91	3154380	159.48	ug/l		99
90) Hexachloroethane	13.87	117	719205	136.79	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	1996368	136.75	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	146005	115.93	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1091771	176.85	ug/l	99
94) Hexachlorobutadiene	15.01	225	654888	126.66	ug/l	99
95) Naphthalene	15.13	128	2070210	160.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1013620	157.83	ug/l	99

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

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