Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002163.D
Acq On : 26 Jul 2018 07:23
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 5 PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/27/2018 11:36:01 AM

Quant Time: Jul 26 09:02:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	222695	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	910303	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	506855	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1037873	20.00	ng		0.00
75) Chrysene-d12	21.27	240	920051	20.00	ng		0.00
86) Perylene-d12	23.49	264	882697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1721433	124.45	ng		0.00
7) Phenol-d6	6.88	99	2300540	118.51	ng		0.00
23) Nitrobenzene-d5	8.84	82	1543614	86.96	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	796409	121.00	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3379733	86.85	ng		0.00
78) Terphenyl-d14	19.71	244	4725510	107.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	24040	4.629	ng	#	74
3) Pyridine	3.67	79	68288	4.540	ng	#	65
4) n-Nitrosodimethylamine	3.59	42	30341	4.702	ng	#	64
6) Aniline	7.03	93	88182	3.719	ng		98
8) 2-Chlorophenol	7.26	128	73422	4.577	ng		96
9) Benzaldehyde	6.85	77	67462	5.643	ng		94
10) Phenol	6.90	94	94570	4.753	ng		94
11) bis(2-Chloroethyl)ether	7.13	93	69185	4.272	ng		97
12) 1,3-Dichlorobenzene	7.58	146	81008	4.431	ng		98
13) 1,4-Dichlorobenzene	7.73	146	83412	4.460	ng		93
14) 1,2-Dichlorobenzene	8.04	146	80730	4.474	ng		98
15) Benzyl Alcohol	7.93	79	50815	3.469	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	118902	4.547	ng		94
17) 2-Methylphenol	8.13	107	61309	4.513	ng		91
18) Hexachloroethane	8.76	117	30791	4.498	ng		93
19) n-Nitroso-di-n-propylamine	8.49	70	56871	4.039	ng	#	95
20) 3+4-Methylphenols	8.46	107	79451	4.192	ng		92
22) Acetophenone	8.50	105	113412	4.805	ng	#	98
24) Nitrobenzene	8.88	77	91620	4.980	ng		97
25) Isophorone	9.40	82	150402	4.935	ng		98
26) 2-Nitrophenol	9.59	139	34499	3.882	ng		95
27) 2,4-Dimethylphenol	9.65	122	61788	4.999	ng		97
28) bis(2-Chloroethoxy)methane	9.89	93	93967	4.773	ng		97
29) 2,4-Dichlorophenol	10.12	162	62984	4.370	ng		95
30) 1,2,4-Trichlorobenzene	10.33	180	75093	4.601	ng		98
31) Naphthalene	10.51	128	232428	5.059	ng		97
32) Benzoic acid	9.73	122	19794	1.888	ng		92
33) 4-Chloroaniline	10.63	127	71684	3.507	ng		97
34) Hexachlorobutadiene	10.80	225	44656	4.468	ng		96
35) Caprolactam	11.38	113	16317m	3.318	ng		
36) 4-Chloro-3-methylphenol	11.76	107	68852	4.202	ng		92
37) 2-Methylnaphthalene	12.13	142	167634	5.174	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	81555	4.785	ng		98
40) Hexachlorocyclopentadiene	12.48	237	43768	4.547	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	47764	4.177	ng		100
43) 2,4,5-Trichlorophenol	12.82	196	53448	4.413	ng		93
45) 1,1'-Biphenyl	13.15	154	213345	4.783	ng		98
46) 2-Chloronaphthalene	13.19	162	162552	4.722	ng		98
47) 2-Nitroaniline	13.40	65	44916	4.055	ng		96
48) Acenaphthylene	14.04	152	259654	4.970	ng		98
49) Dimethylphthalate	13.78	163	198665	4.719	ng		98
50) 2,6-Dinitrotoluene	13.90	165	40976	4.381	ng		94
51) Acenaphthene	14.39	154	154785	4.919	ng		98
52) 3-Nitroaniline	14.23	138	33591	3.314	ng	#	92
53) 2,4-Dinitrophenol	14.45	184	12118	2.447	ng		90
54) Dibenzofuran	14.72	168	249022	4.881	ng		95
55) 4-Nitrophenol	14.55	139	27194	3.495	ng		92
56) 2,4-Dinitrotoluene	14.69	165	52693	4.151	ng		93
57) Fluorene	15.37	166	191150	4.971	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.95	232	42840	4.112	ng	#	90
59) Diethylphthalate	15.15	149	189197	4.415	ng		97
60) 4-Chlorophenyl-phenylether	15.37	204	98482	4.628	ng		96
61) 4-Nitroaniline	15.39	138	37036	3.585	ng		97
62) Azobenzene	15.66	77	187674	4.564	ng		97
64) 4,6-Dinitro-2-methylphenol	15.46	198	20383	2.909	ng		87
65) n-Nitrosodiphenylamine	15.59	169	158715	4.609	ng		97
66) 4-Bromophenyl-phenylether	16.26	248	57384	4.723	ng	#	92
67) Hexachlorobenzene	16.38	284	62154	4.625	ng		95
68) Atrazine	16.54	200	49376	4.258	ng		95
69) Pentachlorophenol	16.73	266	21615	2.499	ng		91
70) Phenanthrene	17.11	178	288990	5.101	ng		100
71) Anthracene	17.20	178	281903	5.027	ng		99
72) Carbazole	17.47	167	242709	4.314	ng		97
73) Di-n-butylphthalate	18.05	149	257585	3.925	ng		98
74) Fluoranthene	19.13	202	292714	4.759	ng		98
76) Benzidine	19.32	184	69492	2.316	ng		97
77) Pyrene	19.50	202	300037	4.729	ng		99
79) Butylbenzylphthalate	20.41	149	101466	3.674	ng		92
80) Benzo(a)anthracene	21.25	228	278796	4.972	ng		97
81) 3,3'-Dichlorobenzidine	21.19	252	66226	3.031	ng		100
82) Chrysene	21.30	228	265371	4.970	ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	150262	3.901	ng	#	94
84) Di-n-octyl phthalate	22.07	149	242676	3.974	ng		97
85) Indeno(1,2,3-cd)pyrene	25.72	276	281434	5.406	ng	#	94
87) Benzo(b)fluoranthene	22.83	252	261535	5.020	ng		96
88) Benzo(k)fluoranthene	22.87	252	250749	4.887	ng		99
89) Benzo(a)pyrene	23.40	252	242349	4.981	ng		98
90) Dibenzo(a,h)anthracene	25.73	278	236076	5.168	ng	#	94
91) Benzo(g,h,i)perylene	26.40	276	234165	5.305	ng	#	95

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

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