Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000027.D
Acq On : 06 Feb 2018 11:53
Operator :
Sample : MDL-W-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Manual Integrations APPROVED
Sohil
2/7/2018 5:15:35 PM

Quant Time: Feb 07 16:43:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	294817	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1459345	20.00	ng		-0.01
38) Acenaphthene-d10	15.08	164	902198	20.00	ng		-0.01
63) Phenanthrene-d10	17.80	188	2179273	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2546119	20.00	ng		-0.02
86) Perylene-d12	24.43	264	2706652	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2923426	146.21	ng		0.00
7) Phenol-d6	7.59	99	4149368	136.62	ng		0.00
23) Nitrobenzene-d5	9.65	82	2014602	83.48	ng		-0.01
41) 2,4,6-Tribromophenol	16.55	330	1132370	124.86	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	5560113	82.54	ng		-0.01
78) Terphenyl-d14	20.37	244	8838098	91.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	23619	2.986	ng	#	95
3) Pyridine	4.15	79	34176	1.425	ng	#	93
4) n-Nitrosodimethylamine	4.02	42	16923	2.398	ng	#	80
6) Aniline	7.78	93	103812	2.507	ng		92
8) 2-Chlorophenol	8.02	128	80630	3.645	ng		88
9) Benzaldehyde	7.59	77	66994	1.931	ng		96
10) Phenol	7.62	94	113639	3.660	ng		94
11) bis(2-Chloroethyl)ether	7.88	93	72345	2.921	ng	#	84
12) 1,3-Dichlorobenzene	8.36	146	74503	3.034	ng		99
13) 1,4-Dichlorobenzene	8.51	146	77359	3.067	ng		95
14) 1,2-Dichlorobenzene	8.83	146	75153	3.016	ng		90
15) Benzyl Alcohol	8.70	79	53932	2.418	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.00	45	79818	2.980	ng		78
17) 2-Methylphenol	8.90	107	64168	2.866	ng		96
18) Hexachloroethane	9.58	117	24619	2.847	ng	#	74
19) n-Nitroso-di-n-propylamine	9.28	70	45258	2.211	ng	#	86
20) 3+4-Methylphenols	9.23	107	80010	2.552	ng		90
22) Acetophenone	9.30	105	115002	2.668	ng	#	89
24) Nitrobenzene	9.69	77	82190	3.175	ng		94
25) Isophorone	10.22	82	131228	2.296	ng		97
26) 2-Nitrophenol	10.41	139	16282	8.933	ng		94
27) 2,4-Dimethylphenol	10.45	122	83893	3.579	ng		91
28) bis(2-Chloroethoxy)methane	10.70	93	102243	3.101	ng		98
29) 2,4-Dichlorophenol	10.95	162	50942	2.533	ng		96
30) 1,2,4-Trichlorobenzene	11.17	180	70690	3.002	ng		98
31) Naphthalene	11.36	128	252367	3.083	ng	#	95
32) Benzoic acid	10.48	122	17616m	7.725	ng		
33) 4-Chloroaniline	11.46	127	97809	2.578	ng		95
34) Hexachlorobutadiene	11.64	225	35414	2.952	ng		94
35) Caprolactam	12.17	113	14172	1.585	ng		95
36) 4-Chloro-3-methylphenol	12.54	107	61505	2.249	ng		89
37) 2-Methylnaphthalene	12.94	142	170142	2.942	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	78941	3.004	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	23632	2.692	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	31162	2.006	ng		93
43) 2,4,5-Trichlorophenol	13.59	196	36369	1.988	ng	#	92
45) 1,1'-Biphenyl	13.93	154	259923	3.224	ng		97
46) 2-Chloronaphthalene	13.97	162	181867	3.005	ng		98
47) 2-Nitroaniline	14.16	65	27035	8.661	ng		96
48) Acenaphthylene	14.81	152	252375	2.484	ng		98
49) Dimethylphthalate	14.52	163	212490	2.635	ng		98
50) 2,6-Dinitrotoluene	14.64	165	24157	6.937	ng	#	84
51) Acenaphthene	15.15	154	185527	2.893	ng		96
52) 3-Nitroaniline	14.97	138	31065	7.474	ng		94
53) 2,4-Dinitrophenol	15.17	184	6320	6.414	ng	#	19
54) Dibenzofuran	15.47	168	300721	3.268	ng		93
55) 4-Nitrophenol	15.24	139	19881	8.133	ng		91
56) 2,4-Dinitrotoluene	15.42	165	30602	8.368	ng	#	94
57) Fluorene	16.12	166	233416	3.012	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	31089	2.087	ng	#	79
59) Diethylphthalate	15.86	149	206879	2.456	ng		95
60) 4-Chlorophenyl-phenylether	16.10	204	107254	3.132	ng		90
61) 4-Nitroaniline	16.11	138	32962	7.493	ng		97
62) Azobenzene	16.39	77	209645	2.490	ng		90
64) 4,6-Dinitro-2-methylphenol	16.17	198	9149	9.891	ng		85
65) n-Nitrosodiphenylamine	16.31	169	188308	2.644	ng		95
66) 4-Bromophenyl-phenylether	16.99	248	59764	2.931	ng	#	88
67) Hexachlorobenzene	17.11	284	71572	3.046	ng	#	87
68) Atrazine	17.23	200	48092	2.215	ng		94
69) Pentachlorophenol	17.44	266	19837	1.410	ng		98
70) Phenanthrene	17.85	178	423763	3.232	ng		98
71) Anthracene	17.93	178	365784	2.816	ng		99
72) Carbazole	18.19	167	349217	2.598	ng	#	95
73) Di-n-butylphthalate	18.73	149	257980	1.728	ng	#	96
74) Fluoranthene	19.83	202	411116	2.761	ng		96
76) Benzidine	19.99	184	85501	1.327	ng	#	92
77) Pyrene	20.19	202	459057	2.858	ng		98
79) Butylbenzylphthalate	21.05	149	82119	6.098	ng	#	92
80) Benzo(a)anthracene	21.92	228	468355	2.967	ng		97
81) 3,3'-Dichlorobenzidine	21.84	252	103203	1.951	ng	#	95
82) Chrysene	21.97	228	504331	3.217	ng		98
83) Bis(2-ethylhexyl)phthalate	21.83	149	134989	1.274	ng	#	92
84) Di-n-octyl phthalate	22.79	149	199595	1.164	ng		100
85) Indeno(1,2,3-cd)pyrene	27.00	276	519900	2.571	ng	#	85
87) Benzo(b)fluoranthene	23.67	252	458673	2.850	ng	#	95
88) Benzo(k)fluoranthene	23.72	252	462900	2.869	ng	#	94
89) Benzo(a)pyrene	24.32	252	417796	2.672	ng	#	93
90) Dibenzo(a,h)anthracene	27.02	278	448489	2.741	ng	#	91
91) Benzo(g,h,i)perylene	27.79	276	453539	2.727	ng	#	90

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

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