Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000015.D
Acq On : 05 Feb 2018 12:59
Operator : SJ/JU
Sample : MDL-S-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Manual Integrations APPROVED
Sohil
2/6/2018 5:15:23 PM

Quant Time: Feb 06 16:51:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 19:48:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	298891	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1489891	20.00	ng		-0.01
38) Acenaphthene-d10	15.09	164	902325	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2054610	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2352996	20.00	ng		-0.02
86) Perylene-d12	24.43	264	2467470	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2472601	121.97	ng		0.00
7) Phenol-d6	7.59	99	3562666	115.70	ng		0.00
23) Nitrobenzene-d5	9.65	82	2262933	91.84	ng		-0.01
41) 2,4,6-Tribromophenol	16.56	330	1119068	123.37	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	6127460	90.95	ng		0.00
78) Terphenyl-d14	20.37	244	8148357	91.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	28425	3.544	ng		98
3) Pyridine	4.13	79	63228	2.600	ng		95
4) n-Nitrosodimethylamine	4.02	42	23425	3.274	ng	#	96
6) Aniline	7.78	93	134327	3.200	ng		93
8) 2-Chlorophenol	8.03	128	79683	3.553	ng		89
9) Benzaldehyde	7.59	77	75918	2.371	ng		99
10) Phenol	7.62	94	106272	3.376	ng		91
11) bis(2-Chloroethyl)ether	7.87	93	88524	3.526	ng	#	81
12) 1,3-Dichlorobenzene	8.36	146	94504	3.796	ng		95
13) 1,4-Dichlorobenzene	8.51	146	93868	3.671	ng		94
14) 1,2-Dichlorobenzene	8.84	146	94713	3.749	ng		99
15) Benzyl Alcohol	8.71	79	60097	2.658	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	97598	3.594	ng		82
17) 2-Methylphenol	8.90	107	65712	2.895	ng		97
18) Hexachloroethane	9.59	117	29895	3.409	ng	#	82
19) n-Nitroso-di-n-propylamine	9.28	70	59256	2.856	ng	#	88
20) 3+4-Methylphenols	9.23	107	88796	2.793	ng		98
22) Acetophenone	9.30	105	150331	3.416	ng	#	89
24) Nitrobenzene	9.69	77	105564	3.995	ng		98
25) Isophorone	10.22	82	162630	2.787	ng		98
26) 2-Nitrophenol	10.41	139	19247	2.083	ng		96
27) 2,4-Dimethylphenol	10.46	122	80088	3.347	ng		97
28) bis(2-Chloroethoxy)methane	10.70	93	114036	3.387	ng		99
29) 2,4-Dichlorophenol	10.95	162	50791	2.474	ng		94
30) 1,2,4-Trichlorobenzene	11.17	180	88211	3.669	ng		97
31) Naphthalene	11.37	128	308363	3.690	ng		97
32) Benzoic acid	10.48	122	14634m	7.470	ng		
33) 4-Chloroaniline	11.46	127	117380	3.030	ng		96
34) Hexachlorobutadiene	11.65	225	46136	3.766	ng		97
35) Caprolactam	12.18	113	16129	1.767	ng		92
36) 4-Chloro-3-methylphenol	12.54	107	63364	2.270	ng		97
37) 2-Methylnaphthalene	12.95	142	204809	3.469	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	99857	3.799	ng	#	96
40) Hexachlorocyclopentadiene	13.28	237	26630	3.034	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	34439	2.217	ng		95
43) 2,4,5-Trichlorophenol	13.59	196	39580	2.163	ng	#	87
45) 1,1'-Biphenyl	13.93	154	318262	3.948	ng		98
46) 2-Chloronaphthalene	13.97	162	224492	3.709	ng		98
47) 2-Nitroaniline	14.16	65	29103	1.780	ng		89
48) Acenaphthylene	14.82	152	316458	3.114	ng		96
49) Dimethylphthalate	14.52	163	257933	3.198	ng		99
50) 2,6-Dinitrotoluene	14.64	165	27969	1.752	ng	#	84
51) Acenaphthene	15.15	154	230003	3.586	ng		97
52) 3-Nitroaniline	14.97	138	36034	1.829	ng		94
53) 2,4-Dinitrophenol	15.17	184	6375	6.431	ng		93
54) Dibenzofuran	15.47	168	340686	3.702	ng		95
55) 4-Nitrophenol	15.25	139	22311	1.503	ng	#	79
56) 2,4-Dinitrotoluene	15.42	165	32659	1.520	ng		94
57) Fluorene	16.12	166	273296	3.527	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.69	232	34056	2.286	ng	#	78
59) Diethylphthalate	15.87	149	254311	3.018	ng		95
60) 4-Chlorophenyl-phenylether	16.10	204	123148	3.596	ng	#	88
61) 4-Nitroaniline	16.12	138	37084	1.770	ng		92
62) Azobenzene	16.40	77	250596	2.976	ng		90
64) 4,6-Dinitro-2-methylphenol	16.17	198	10956	1.455	ng		79
65) n-Nitrosodiphenylamine	16.32	169	221818	3.304	ng		96
66) 4-Bromophenyl-phenylether	16.99	248	65754	3.420	ng	#	82
67) Hexachlorobenzene	17.11	284	82726	3.735	ng	#	87
68) Atrazine	17.24	200	58513	2.859	ng		93
69) Pentachlorophenol	17.44	266	26870	2.025	ng		95
70) Phenanthrene	17.84	178	469523	3.798	ng		98
71) Anthracene	17.94	178	404989	3.307	ng		97
72) Carbazole	18.20	167	411067	3.244	ng		97
73) Di-n-butylphthalate	18.74	149	316125	2.247	ng	#	98
74) Fluoranthene	19.83	202	455147	3.242	ng		95
76) Benzidine	19.99	184	130687	2.194	ng	#	94
77) Pyrene	20.18	202	516179	3.477	ng		99
79) Butylbenzylphthalate	21.05	149	90251	1.375	ng	#	94
80) Benzo(a)anthracene	21.92	228	513073	3.517	ng		98
81) 3,3'-Dichlorobenzidine	21.83	252	115593	2.364	ng	#	98
82) Chrysene	21.97	228	552218	3.811	ng		99
83) Bis(2-ethylhexyl)phthalate	21.82	149	164962	1.685	ng	#	90
84) Di-n-octyl phthalate	22.79	149	219463	1.385	ng		98
85) Indeno(1,2,3-cd)pyrene	27.00	276	569433	3.047	ng	#	85
87) Benzo(b)fluoranthene	23.67	252	488513	3.330	ng	#	96
88) Benzo(k)fluoranthene	23.72	252	524110	3.563	ng	#	93
89) Benzo(a)pyrene	24.32	252	448174	3.145	ng	#	93
90) Dibenzo(a,h)anthracene	27.02	278	480122	3.218	ng	#	89
91) Benzo(g,h,i)perylene	27.79	276	482419	3.182	ng	#	88

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

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