Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026657.D
Acq On : 19 Apr 2017 15:04
Operator : SJ/MA
Sample : PB98333BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98333BS

Manual Integrations APPROVED
mohammad
4/20/2017 1:54:20 PM

Quant Time: Apr 20 01:29:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	164699	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	699848	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	432657	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1116942	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1242155	20.00	ng		-0.02
86) Perylene-d12	24.78	264	1241735	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	741227	81.81	ng		-0.01
7) Phenol-d6	7.19	99	973485	82.00	ng		-0.02
23) Nitrobenzene-d5	9.18	82	747135	74.49	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	458013	75.97	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	2095739	72.14	ng		-0.02
78) Terphenyl-d14	19.96	244	3227709	76.71	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	101988	21.53	ng	#	68
3) Pyridine	3.88	79	301674	28.44	ng	#	61
4) n-Nitrosodimethylamine	3.79	42	100107	32.45	ng	#	1
6) Aniline	7.35	93	354781	23.93	ng	#	85
8) 2-Chlorophenol	7.59	128	404036	37.37	ng	#	79
9) Benzaldehyde	7.17	77	51684	6.43	ng	#	59
10) Phenol	7.22	94	498668	38.61	ng	#	69
11) bis(2-Chloroethyl)ether	7.44	93	342614	33.32	ng	#	80
12) 1,3-Dichlorobenzene	7.92	146	424276	33.30	ng	#	85
13) 1,4-Dichlorobenzene	8.06	146	434015	33.53	ng	#	92
14) 1,2-Dichlorobenzene	8.38	146	415542	33.98	ng	#	88
15) Benzyl Alcohol	8.26	79	279213	37.61	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	334241	33.60	ng		81
17) 2-Methylphenol	8.47	107	339544	37.51	ng	#	79
18) Hexachloroethane	9.11	117	134247	32.87	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	245854	33.41	ng	#	71
20) 3+4-Methylphenols	8.80	107	472353	37.98	ng		84
22) Acetophenone	8.84	105	550558	34.42	ng	#	74
24) Nitrobenzene	9.23	77	369140	34.76	ng	#	69
25) Isophorone	9.75	82	709151	34.49	ng	#	87
26) 2-Nitrophenol	9.94	139	229317	35.64	ng	#	63
27) 2,4-Dimethylphenol	10.00	122	384275	37.00	ng		85
28) bis(2-Chloroethoxy)methane	10.22	93	474893	35.34	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	420223	38.69	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	419104	34.62	ng		99
31) Naphthalene	10.88	128	1205762	35.10	ng		99
32) Benzoic acid	10.12	122	228223	34.46	ng	#	67
33) 4-Chloroaniline	10.99	127	109291	7.42	ng	#	80
34) Hexachlorobutadiene	11.16	225	235053	33.95	ng		97
35) Caprolactam	11.74	113	152898m	36.25	ng		
36) 4-Chloro-3-methylphenol	12.10	107	411854	37.65	ng	#	74
37) 2-Methylnaphthalene	12.47	142	938609	35.51	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	445928	33.46	ng		98
40) Hexachlorocyclopentadiene	12.83	237	514630	76.42	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	343869	36.24	ng		97
43) 2,4,5-Trichlorophenol	13.15	196	373728	37.24	ng	#	91
45) 1,1'-Biphenyl	13.47	154	1222681	34.78	ng		96
46) 2-Chloronaphthalene	13.52	162	925546	34.74	ng		96
47) 2-Nitroaniline	13.72	65	251443	36.95	ng	#	48
48) Acenaphthylene	14.36	152	1548607	36.15	ng		98
49) Dimethylphthalate	14.09	163	1242166	36.27	ng		99
50) 2,6-Dinitrotoluene	14.21	165	295860	36.94	ng	#	58
51) Acenaphthene	14.70	154	971475	35.63	ng		99
52) 3-Nitroaniline	14.54	138	172819	19.78	ng	#	63
53) 2,4-Dinitrophenol	14.75	184	333209	71.15	ng	#	74
54) Dibenzofuran	15.03	168	1513119	35.60	ng		90
55) 4-Nitrophenol	14.85	139	551670	74.81	ng	#	39
56) 2,4-Dinitrotoluene	14.99	165	439916	38.68	ng	#	65
57) Fluorene	15.68	166	1262868	36.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	369236	36.18	ng	#	95
59) Diethylphthalate	15.44	149	1276117	36.65	ng		98
60) 4-Chlorophenyl-phenylether	15.66	204	628772	36.00	ng		89
61) 4-Nitroaniline	15.70	138	343818	36.91	ng	#	51
62) Azobenzene	15.96	77	990364	36.86	ng		77
64) 4,6-Dinitro-2-methylphenol	15.76	198	283184	37.54	ng		85
65) n-Nitrosodiphenylamine	15.88	169	1151100	35.73	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	433474	35.52	ng		94
67) Hexachlorobenzene	16.69	284	472581	35.22	ng	#	87
68) Atrazine	16.82	200	386169	30.65	ng		96
69) Pentachlorophenol	17.03	266	585007	72.17	ng		97
70) Phenanthrene	17.41	178	2060761	35.83	ng		98
71) Anthracene	17.50	178	2136517	35.95	ng		99
72) Carbazole	17.77	167	2060867	36.22	ng		96
73) Di-n-butylphthalate	18.32	149	2298197	36.01	ng	#	94
74) Fluoranthene	19.41	202	2468734	37.03	ng		97
76) Benzidine	19.59	184	424452	15.34	ng		97
77) Pyrene	19.77	202	2498255	37.36	ng		98
79) Butylbenzylphthalate	20.65	149	1040088	36.15	ng	#	83
80) Benzo(a)anthracene	21.59	228	2411672	35.95	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	703691	25.29	ng		99
82) Chrysene	21.66	228	2227854	36.09	ng		100
83) Bis(2-ethylhexyl)phthalate	21.49	149	1484413	35.80	ng		97
84) Di-n-octyl phthalate	22.68	149	2511060	36.27	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.38	276	3040660	35.92	ng	#	88
87) Benzo(b)fluoranthene	23.78	252	2500465	35.17	ng	#	96
88) Benzo(k)fluoranthene	23.84	252	2555271	37.29	ng	#	95
89) Benzo(a)pyrene	24.64	252	2476747	36.08	ng	#	95
90) Dibenzo(a,h)anthracene	28.45	278	2584800	36.66	ng	#	93
91) Benzo(g,h,i)perylene	29.52	276	2479854	35.17	ng	#	89

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

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