Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102616\
Data File : BG024515.D
Acq On : 26 Oct 2016 16:56
Operator : UM/SJ
Sample : PB94325BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94325BSD

Manual Integrations APPROVED
sohil
10/27/2016 3:48:32 PM

Quant Time: Oct 26 17:54:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	122936	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	484432	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	376113	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	814346	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1081034	20.00	ng		0.00
86) Perylene-d12	25.36	264	1188665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	480534	64.06	ng		0.00
7) Phenol-d6	7.40	99	681944	66.28	ng		0.00
23) Nitrobenzene-d5	9.45	82	875809	82.31	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	347947	61.92	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1721623	76.08	ng		0.00
78) Terphenyl-d14	20.21	244	2848652	78.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	107486	35.08	ng		93
3) Pyridine	4.07	79	329379	35.90	ng		95
4) n-Nitrosodimethylamine	3.99	42	188416	39.67	ng	#	80
6) Aniline	7.59	93	329816	25.30	ng		92
8) 2-Chlorophenol	7.83	128	324762	42.59	ng		98
9) Benzaldehyde	7.41	77	77375	12.17	ng		84
10) Phenol	7.43	94	496530	46.82	ng		90
11) bis(2-Chloroethyl)ether	7.68	93	338416	42.47	ng		94
12) 1,3-Dichlorobenzene	8.16	146	384136	40.69	ng		97
13) 1,4-Dichlorobenzene	8.31	146	396837	42.56	ng		99
14) 1,2-Dichlorobenzene	8.63	146	371278	41.41	ng		94
15) Benzyl Alcohol	8.50	79	412760	43.12	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	593968	40.18	ng		96
17) 2-Methylphenol	8.70	107	311056	44.26	ng		94
18) Hexachloroethane	9.37	117	146771	40.94	ng		93
19) n-Nitroso-di-n-propylamine	9.07	70	318256	41.97	ng		94
20) 3+4-Methylphenols	9.02	107	432751	45.86	ng		94
22) Acetophenone	9.10	105	541166	43.49	ng	#	90
24) Nitrobenzene	9.49	77	497062	41.99	ng		96
25) Isophorone	10.01	82	875221	44.22	ng		98
26) 2-Nitrophenol	10.20	139	186252	42.39	ng		96
27) 2,4-Dimethylphenol	10.24	122	366514	47.65	ng		99
28) bis(2-Chloroethoxy)methane	10.48	93	478633	46.74	ng		96
29) 2,4-Dichlorophenol	10.73	162	361001	44.72	ng		93
30) 1,2,4-Trichlorobenzene	10.95	180	391494	40.88	ng		99
31) Naphthalene	11.15	128	982687	40.67	ng		99
32) Benzoic acid	10.35	122	227324	35.49	ng		96
33) 4-Chloroaniline	11.25	127	188837	18.00	ng		94
34) Hexachlorobutadiene	11.42	225	311511	41.56	ng		98
35) Caprolactam	12.02	113	124042m	41.97	ng		
36) 4-Chloro-3-methylphenol	12.34	107	429326	44.05	ng		94
37) 2-Methylnaphthalene	12.73	142	746315	42.33	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	508943	40.12	ng		99
40) Hexachlorocyclopentadiene	13.07	237	766641	107.32	ng		98

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Quant Time: Oct 26 17:54:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	326367	42.80	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	355572	43.13	ng		96
45) 1,1'-Biphenyl	13.73	154	1033836	39.61	ng		99
46) 2-Chloronaphthalene	13.77	162	828677	41.70	ng		96
47) 2-Nitroaniline	13.97	65	347035	42.65	ng		97
48) Acenaphthylene	14.61	152	1217114	39.93	ng		98
49) Dimethylphthalate	14.33	163	1095910	41.04	ng		98
50) 2,6-Dinitrotoluene	14.46	165	251537	44.13	ng		92
51) Acenaphthene	14.95	154	814762	35.86	ng		96
52) 3-Nitroaniline	14.79	138	125807	21.33	ng		98
53) 2,4-Dinitrophenol	14.99	184	265063	64.17	ng		95
54) Dibenzofuran	15.28	168	1313525	41.82	ng		100
55) 4-Nitrophenol	15.08	139	429839	83.64	ng		93
56) 2,4-Dinitrotoluene	15.24	165	358739	43.31	ng	#	97
57) Fluorene	15.93	166	1055228	40.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	378240	44.25	ng		95
59) Diethylphthalate	15.68	149	1134226	40.52	ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	600987	41.12	ng		94
61) 4-Nitroaniline	15.95	138	238639	37.03	ng		97
62) Azobenzene	16.20	77	1200309	42.99	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	216142	38.52	ng		93
65) n-Nitrosodiphenylamine	16.13	169	990335	44.48	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	430223	43.52	ng		94
67) Hexachlorobenzene	16.93	284	474849	43.47	ng	#	87
68) Atrazine	17.06	200	434483	45.50	ng		97
69) Pentachlorophenol	17.27	266	625580	86.79	ng		94
70) Phenanthrene	17.67	178	1776601	42.80	ng		97
71) Anthracene	17.76	178	1812624	43.28	ng		99
72) Carbazole	18.03	167	1588378	41.59	ng		97
73) Di-n-butylphthalate	18.55	149	1868443	42.43	ng		98
74) Fluoranthene	19.67	202	2211200	42.14	ng		98
76) Benzidine	19.84	184	822572	32.30	ng		98
77) Pyrene	20.02	202	2243244	42.45	ng		97
79) Butylbenzylphthalate	20.89	149	935885	42.48	ng		96
80) Benzo(a)anthracene	21.90	228	2480706	41.77	ng		100
81) 3,3'-Dichlorobenzidine	21.81	252	539716	22.53	ng		99
82) Chrysene	21.97	228	2336940	41.32	ng		98
83) Bis(2-ethylhexyl)phthalate	21.77	149	1371379	43.51	ng		99
84) Di-n-octyl phthalate	23.05	149	2353983	45.01	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3339939	42.78	ng	#	97
87) Benzo(b)fluoranthene	24.25	252	2702517	42.06	ng		99
88) Benzo(k)fluoranthene	24.33	252	2589970m	41.74	ng		
89) Benzo(a)pyrene	25.19	252	2627616	41.85	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2814963	40.85	ng		96
91) Benzo(g,h,i)perylene	30.55	276	2754641	40.01	ng		96

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

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