Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025376.D
Acq On : 22 Dec 2016 3:15
Operator : UM/SJ
Sample : PB95526BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95526BS

Manual Integrations APPROVED
sohil
12/22/2016 7:03:40 PM

Quant Time: Dec 22 05:40:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	46104	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	193423	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	158530	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	375796	20.00	ng		0.00
75) Chrysene-d12	21.88	240	547547	20.00	ng		0.00
86) Perylene-d12	25.29	264	576697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	362753	143.02	ng		0.00
7) Phenol-d6	7.37	99	512874	143.57	ng		0.00
23) Nitrobenzene-d5	9.40	82	363592	83.04	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	329512	129.11	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	812125	82.94	ng		0.00
78) Terphenyl-d14	20.16	244	1706160	82.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	35236	32.56	ng		92
3) Pyridine	4.00	79	101850	32.47	ng		97
4) n-Nitrosodimethylamine	3.92	42	71047	38.15	ng		99
6) Aniline	7.54	93	144573	29.87	ng		96
8) 2-Chlorophenol	7.78	128	114776	40.11	ng		95
9) Benzaldehyde	7.36	77	21692	8.30	ng		90
10) Phenol	7.40	94	170882	43.15	ng		98
11) bis(2-Chloroethyl)ether	7.62	93	117717	38.58	ng		91
12) 1,3-Dichlorobenzene	8.10	146	130343	37.64	ng		98
13) 1,4-Dichlorobenzene	8.25	146	133466	37.19	ng		98
14) 1,2-Dichlorobenzene	8.57	146	123408	36.04	ng		95
15) Benzyl Alcohol	8.46	79	140223	41.12	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.74	45	208544	36.91	ng		97
17) 2-Methylphenol	8.66	107	115140	44.28	ng		96
18) Hexachloroethane	9.30	117	50249	36.46	ng		92
19) n-Nitroso-di-n-propylamine	9.02	70	116682	38.67	ng		98
20) 3+4-Methylphenols	8.99	107	156536	43.49	ng		96
22) Acetophenone	9.05	105	204955	38.14	ng	#	94
24) Nitrobenzene	9.44	77	180762	37.64	ng		98
25) Isophorone	9.95	82	319489	40.30	ng		97
26) 2-Nitrophenol	10.16	139	72004	39.20	ng		95
27) 2,4-Dimethylphenol	10.20	122	122868	40.69	ng		96
28) bis(2-Chloroethoxy)methane	10.43	93	167093	40.59	ng		97
29) 2,4-Dichlorophenol	10.70	162	138773	42.95	ng		97
30) 1,2,4-Trichlorobenzene	10.90	180	147662	37.83	ng		92
31) Naphthalene	11.09	128	370551	38.36	ng		98
32) Benzoic acid	10.34	122	78045	32.14	ng		95
33) 4-Chloroaniline	11.21	127	89005	21.91	ng		93
34) Hexachlorobutadiene	11.35	225	116627	36.60	ng		93
35) Caprolactam	11.98	113	48647m	40.07	ng		
36) 4-Chloro-3-methylphenol	12.32	107	159879	40.09	ng		99
37) 2-Methylnaphthalene	12.68	142	284389	39.73	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	204428	39.06	ng	#	96
40) Hexachlorocyclopentadiene	13.01	237	169839	87.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.29	196	126395	38.35	ng		95
43) 2,4,5-Trichlorophenol	13.38	196	132827	38.50	ng		94
45) 1,1'-Biphenyl	13.67	154	419008	39.30	ng		94
46) 2-Chloronaphthalene	13.73	162	319078	38.30	ng		95
47) 2-Nitroaniline	13.94	65	135698	38.59	ng		99
48) Acenaphthylene	14.57	152	496150	38.43	ng		97
49) Dimethylphthalate	14.28	163	467303	40.43	ng		97
50) 2,6-Dinitrotoluene	14.42	165	101198	40.08	ng		96
51) Acenaphthene	14.90	154	317024	37.54	ng		96
52) 3-Nitroaniline	14.76	138	64069	26.40	ng		91
53) 2,4-Dinitrophenol	14.98	184	120800	73.41	ng	#	86
54) Dibenzofuran	15.23	168	530507	39.74	ng		99
55) 4-Nitrophenol	15.08	139	144506	79.71	ng		92
56) 2,4-Dinitrotoluene	15.21	165	150090	40.83	ng	#	93
57) Fluorene	15.88	166	431229	38.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.47	232	151749m	41.07	ng		
59) Diethylphthalate	15.63	149	473391	39.06	ng		100
60) 4-Chlorophenyl-phenylether	15.86	204	242855	38.34	ng		98
61) 4-Nitroaniline	15.93	138	89821	36.78	ng	#	79
62) Azobenzene	16.15	77	497343	42.55	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	98810	37.97	ng		79
65) n-Nitrosodiphenylamine	16.08	169	405133	39.88	ng		97
66) 4-Bromophenyl-phenylether	16.76	248	180250	38.88	ng		95
67) Hexachlorobenzene	16.88	284	210689	39.60	ng	#	85
68) Atrazine	17.02	200	194518	43.71	ng		98
69) Pentachlorophenol	17.24	266	212150	76.92	ng		98
70) Phenanthrene	17.62	178	772405	39.89	ng		95
71) Anthracene	17.72	178	789535	40.13	ng		98
72) Carbazole	17.99	167	706818	40.16	ng		94
73) Di-n-butylphthalate	18.50	149	851557	39.33	ng		96
74) Fluoranthene	19.63	202	1064506	41.62	ng		92
76) Benzidine	19.80	184	422843	30.96	ng		97
77) Pyrene	19.99	202	1071493	37.44	ng		97
79) Butylbenzylphthalate	20.84	149	444223	38.66	ng		97
80) Benzo(a)anthracene	21.85	228	1199231	39.27	ng		97
81) 3,3'-Dichlorobenzidine	21.76	252	310986	26.22	ng		97
82) Chrysene	21.92	228	1116947	38.14	ng		94
83) Bis(2-ethylhexyl)phthalate	21.70	149	639615	40.00	ng		95
84) Di-n-octyl phthalate	22.96	149	1087147	40.95	ng		95
85) Indeno(1,2,3-cd)pyrene	29.23	276	1492983	40.10	ng		99
87) Benzo(b)fluoranthene	24.19	252	1239420	39.39	ng	#	97
88) Benzo(k)fluoranthene	24.26	252	1192628	39.25	ng		97
89) Benzo(a)pyrene	25.12	252	1188771	39.12	ng		98
90) Dibenzo(a,h)anthracene	29.26	278	1249247	38.79	ng		99
91) Benzo(g,h,i)perylene	30.46	276	1236513	38.63	ng		98

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

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