Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024709.D
Acq On : 5 Nov 2016 12:42
Operator : UM/SJ
Sample : H5526-04MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MS

Manual Integrations APPROVED
sohil
11/7/2016 4:37:09 PM

Quant Time: Nov 07 00:14:30 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	97798	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	379253	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	291543	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	692888	20.00	ng		0.00
75) Chrysene-d12	21.92	240	935184	20.00	ng		0.00
86) Perylene-d12	25.35	264	976791	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	878483	147.22	ng		0.00
7) Phenol-d6	7.41	99	1264357	154.47	ng		0.00
23) Nitrobenzene-d5	9.44	82	886407	106.41	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	750891	172.40	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1722698	98.21	ng		0.00
78) Terphenyl-d14	20.21	244	3044460	97.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	81459	33.42	ng		94
3) Pyridine	4.07	79	257115	35.23	ng		90
4) n-Nitrosodimethylamine	3.98	42	166320	44.02	ng		95
6) Aniline	7.59	93	273097	26.34	ng		96
8) 2-Chlorophenol	7.83	128	290441	47.87	ng		94
9) Benzaldehyde	7.40	77	51251	10.13	ng		89
10) Phenol	7.44	94	434809	51.53	ng		95
11) bis(2-Chloroethyl)ether	7.67	93	291213	45.94	ng		92
12) 1,3-Dichlorobenzene	8.16	146	315831	42.05	ng		97
13) 1,4-Dichlorobenzene	8.30	146	319255	43.04	ng		97
14) 1,2-Dichlorobenzene	8.63	146	310147	43.49	ng		95
15) Benzyl Alcohol	8.50	79	349602	45.91	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	484221	41.17	ng		94
17) 2-Methylphenol	8.70	107	267901	47.92	ng		97
18) Hexachloroethane	9.36	117	119418	41.88	ng		83
19) n-Nitroso-di-n-propylamine	9.07	70	271465	45.00	ng	#	90
20) 3+4-Methylphenols	9.02	107	377142	50.24	ng		96
22) Acetophenone	9.10	105	464390	47.67	ng	#	90
24) Nitrobenzene	9.48	77	424979	45.86	ng		98
25) Isophorone	10.00	82	730133	47.12	ng		100
26) 2-Nitrophenol	10.20	139	172309	50.10	ng		97
27) 2,4-Dimethylphenol	10.24	122	298156	49.52	ng		98
28) bis(2-Chloroethoxy)methane	10.48	93	404072	50.40	ng		99
29) 2,4-Dichlorophenol	10.73	162	331749	52.49	ng		93
30) 1,2,4-Trichlorobenzene	10.95	180	351629	46.90	ng		96
31) Naphthalene	11.15	128	868612	45.92	ng		99
32) Benzoic acid	10.31	122	28616	5.71	ng	#	77
33) 4-Chloroaniline	11.25	127	173426	21.11	ng		97
34) Hexachlorobutadiene	11.41	225	264388	45.06	ng		91
35) Caprolactam	12.02	113	109546m	47.35	ng		
36) 4-Chloro-3-methylphenol	12.34	107	379143	49.69	ng	#	92
37) 2-Methylnaphthalene	12.73	142	646166	46.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	459775	46.76	ng		97
40) Hexachlorocyclopentadiene	13.06	237	549856	99.30	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	299150	50.61	ng		94
43) 2,4,5-Trichlorophenol	13.40	196	319662	50.02	ng		95
45) 1,1'-Biphenyl	13.72	154	897720	44.37	ng		100
46) 2-Chloronaphthalene	13.77	162	730028	47.39	ng		99
47) 2-Nitroaniline	13.97	65	308672	48.94	ng		96
48) Acenaphthylene	14.61	152	1096791	46.42	ng		97
49) Dimethylphthalate	14.32	163	1436356	69.40	ng		98
50) 2,6-Dinitrotoluene	14.45	165	221596	50.15	ng		92
51) Acenaphthene	14.95	154	709355	40.28	ng		96
52) 3-Nitroaniline	14.79	138	155875	34.09	ng		97
53) 2,4-Dinitrophenol	14.99	184	119426	37.30	ng		88
54) Dibenzofuran	15.28	168	1166176	47.90	ng		99
55) 4-Nitrophenol	15.08	139	402432	101.02	ng	#	86
56) 2,4-Dinitrotoluene	15.24	165	336662	52.43	ng	#	96
57) Fluorene	15.93	166	962782	47.68	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	350818	52.95	ng		94
59) Diethylphthalate	15.68	149	1019518	46.98	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	541992	47.84	ng		95
61) 4-Nitroaniline	15.95	138	239350	47.92	ng		98
62) Azobenzene	16.20	77	1044845	48.28	ng		97
64) 4,6-Dinitro-2-methylphenol	15.99	198	188783	39.55	ng		87
65) n-Nitrosodiphenylamine	16.12	169	897428	47.38	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	395053	46.97	ng		97
67) Hexachlorobenzene	16.92	284	429589	46.22	ng	#	89
68) Atrazine	17.06	200	418602	51.52	ng		100
69) Pentachlorophenol	17.27	266	580775	94.70	ng		97
70) Phenanthrene	17.67	178	1647071	46.64	ng		98
71) Anthracene	17.76	178	1694470	47.56	ng		99
72) Carbazole	18.03	167	1543951	47.51	ng		98
73) Di-n-butylphthalate	18.55	149	1762114	47.03	ng		98
74) Fluoranthene	19.66	202	2138746	47.90	ng		97
76) Benzidine	19.84	184	837625	38.02	ng		97
77) Pyrene	20.02	202	2139173	46.79	ng		98
79) Butylbenzylphthalate	20.88	149	897714	47.10	ng		99
80) Benzo(a)anthracene	21.90	228	2396255	46.64	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	549620	26.52	ng		97
82) Chrysene	21.97	228	2226779	45.51	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1262228	46.30	ng		98
84) Di-n-octyl phthalate	23.04	149	2136200	47.21	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.30	276	3007349	44.53	ng	#	99
87) Benzo(b)fluoranthene	24.25	252	2456744	46.53	ng		99
88) Benzo(k)fluoranthene	24.32	252	2369187	46.46	ng		97
89) Benzo(a)pyrene	25.19	252	2381659	46.16	ng		97
90) Dibenzo(a,h)anthracene	29.37	278	2514884	44.41	ng		98
91) Benzo(g,h,i)perylene	30.55	276	2492902	44.07	ng		97

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

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