Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
Data File : BG025410.D
Acq On : 29 Dec 2016 18:51
Operator : UM/SJ
Sample : H6304-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP11-COMP8MSD

Manual Integrations APPROVED
Sohil
12/30/2016 8:43:27 AM

Quant Time: Dec 30 00:52:18 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	53810	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	227608	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	195875	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	453172	20.00	ng		0.00
75) Chrysene-d12	21.88	240	618641	20.00	ng		0.00
86) Perylene-d12	25.28	264	631649	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	447463	151.15	ng		0.00
7) Phenol-d6	7.37	99	609135	146.10	ng		0.00
23) Nitrobenzene-d5	9.39	82	503654	97.76	ng		-0.01
41) 2,4,6-Tribromophenol	16.32	330	479888	152.18	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1121832	92.72	ng		0.00
78) Terphenyl-d14	20.17	244	2240079	96.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	44548	35.27	ng	#	69
3) Pyridine	4.01	79	137814	37.64	ng		97
4) n-Nitrosodimethylamine	3.92	42	99095	45.59	ng		97
6) Aniline	7.53	93	112971	20.00	ng	#	94
8) 2-Chlorophenol	7.77	128	165024	49.42	ng		94
9) Benzaldehyde	7.36	77	24876	8.15	ng	#	77
10) Phenol	7.40	94	218224	47.22	ng		96
11) bis(2-Chloroethyl)ether	7.62	93	168237	47.24	ng		90
12) 1,3-Dichlorobenzene	8.09	146	178665	44.21	ng		97
13) 1,4-Dichlorobenzene	8.24	146	180951	43.20	ng		96
14) 1,2-Dichlorobenzene	8.57	146	177753	44.47	ng		97
15) Benzyl Alcohol	8.46	79	207853	52.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.73	45	304605	46.19	ng		97
17) 2-Methylphenol	8.66	107	154331	50.85	ng		98
18) Hexachloroethane	9.29	117	70128	43.60	ng	#	80
19) n-Nitroso-di-n-propylamine	9.01	70	178711	50.75	ng		96
20) 3+4-Methylphenols	8.99	107	218796	52.09	ng		99
22) Acetophenone	9.04	105	289504	45.78	ng	#	94
24) Nitrobenzene	9.44	77	262655	46.48	ng		97
25) Isophorone	9.95	82	485894	52.09	ng		97
26) 2-Nitrophenol	10.15	139	99783	46.17	ng		98
27) 2,4-Dimethylphenol	10.20	122	189332	53.28	ng		93
28) bis(2-Chloroethoxy)methane	10.42	93	256075	52.86	ng		98
29) 2,4-Dichlorophenol	10.69	162	206113	54.20	ng		91
30) 1,2,4-Trichlorobenzene	10.89	180	209683	45.65	ng		97
31) Naphthalene	11.09	128	530563	46.68	ng		99
32) Benzoic acid	10.34	122	110297	38.60	ng	#	86
33) 4-Chloroaniline	11.22	127	25522	5.34	ng	#	91
34) Hexachlorobutadiene	11.35	225	168848	45.03	ng		100
35) Caprolactam	11.99	113	65559m	45.89	ng		
36) 4-Chloro-3-methylphenol	12.32	107	250986	53.48	ng		99
37) 2-Methylnaphthalene	12.67	142	425089	50.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	307655	47.57	ng	#	96
40) Hexachlorocyclopentadiene	13.00	237	268445	110.07	ng		94

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Quant Time: Dec 30 00:52:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
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	13.28	196	194896	47.86	ng		99
43) 2,4,5-Trichlorophenol	13.37	196	212953	49.96	ng	#	92
45) 1,1'-Biphenyl	13.67	154	629008	47.74	ng		98
46) 2-Chloronaphthalene	13.73	162	490909	47.69	ng		97
47) 2-Nitroaniline	13.94	65	215895	49.69	ng		99
48) Acenaphthylene	14.57	152	745318	46.72	ng		98
49) Dimethylphthalate	14.28	163	696361	48.77	ng		98
50) 2,6-Dinitrotoluene	14.42	165	155778	49.94	ng		98
51) Acenaphthene	14.90	154	482280	46.22	ng		96
52) 3-Nitroaniline	14.77	138	16230	5.41	ng		95
53) 2,4-Dinitrophenol	14.98	184	198011	95.73	ng	#	79
54) Dibenzofuran	15.24	168	817313	49.55	ng		95
55) 4-Nitrophenol	15.08	139	218576	97.58	ng		96
56) 2,4-Dinitrotoluene	15.21	165	230969	50.85	ng	#	96
57) Fluorene	15.88	166	663047	48.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	230576	50.50	ng		93
59) Diethylphthalate	15.62	149	741185	49.50	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	381169	48.70	ng		97
61) 4-Nitroaniline	15.92	138	114209	37.85	ng	#	72
62) Azobenzene	16.15	77	759051	52.56	ng		100
64) 4,6-Dinitro-2-methylphenol	15.98	198	153778	49.00	ng		88
65) n-Nitrosodiphenylamine	16.08	169	631373	51.54	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	286622	51.27	ng		95
67) Hexachlorobenzene	16.88	284	316238	49.29	ng	#	89
68) Atrazine	17.02	200	282828	52.70	ng		100
69) Pentachlorophenol	17.23	266	343716	103.34	ng		91
70) Phenanthrene	17.62	178	1168649	50.04	ng		95
71) Anthracene	17.72	178	1213433	51.14	ng		97
72) Carbazole	17.99	167	1059698	49.93	ng		97
73) Di-n-butylphthalate	18.50	149	1293738	49.54	ng		97
74) Fluoranthene	19.62	202	1553226	50.35	ng		95
76) Benzidine	19.80	184	206518	13.38	ng	#	93
77) Pyrene	19.98	202	1555101	48.10	ng		99
79) Butylbenzylphthalate	20.84	149	636992	49.07	ng		97
80) Benzo(a)anthracene	21.86	228	1730404	50.15	ng		97
81) 3,3'-Dichlorobenzidine	21.76	252	358484	26.75	ng	#	94
82) Chrysene	21.93	228	1576551	47.64	ng		97
83) Bis(2-ethylhexyl)phthalate	21.69	149	897372	49.67	ng		99
84) Di-n-octyl phthalate	22.96	149	1531186	51.05	ng		96
85) Indeno(1,2,3-cd)pyrene	29.22	276	2160218	51.35	ng	#	98
87) Benzo(b)fluoranthene	24.20	252	1749318m	50.76	ng		
88) Benzo(k)fluoranthene	24.27	252	1739092	52.25	ng		97
89) Benzo(a)pyrene	25.13	252	1713906	51.49	ng		99
90) Dibenzo(a,h)anthracene	29.28	278	1833959	51.99	ng		98
91) Benzo(g,h,i)perylene	30.46	276	1783660	50.88	ng		97

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

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