Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025436.D
Acq On : 9 Jan 2017 18:54
Operator : UM/SJ
Sample : PB95829BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95829BS

Manual Integrations APPROVED
Sohil
1/10/2017 9:59:46 AM

Quant Time: Jan 10 00:17:17 2017
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	8.20	152	51699	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	213817	20.00	ng		-0.01
38) Acenaphthene-d10	14.83	164	174199	20.00	ng		-0.01
63) Phenanthrene-d10	17.57	188	412841	20.00	ng		-0.01
75) Chrysene-d12	21.87	240	592514	20.00	ng		-0.01
86) Perylene-d12	25.26	264	650512	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	403139	141.74	ng		-0.01
7) Phenol-d6	7.36	99	574521	143.42	ng		-0.01
23) Nitrobenzene-d5	9.39	82	423053	87.41	ng		-0.01
41) 2,4,6-Tribromophenol	16.32	330	370348	132.05	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	947746	88.08	ng		-0.01
78) Terphenyl-d14	20.15	244	1908801	85.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	41073	33.85	ng		89
3) Pyridine	3.99	79	116802	33.20	ng		97
4) n-Nitrosodimethylamine	3.91	42	86486	41.42	ng	#	94
6) Aniline	7.52	93	106315	19.59	ng		94
8) 2-Chlorophenol	7.76	128	136153	42.43	ng		93
9) Benzaldehyde	7.35	77	12826	4.38	ng	#	78
10) Phenol	7.39	94	198585	44.72	ng		96
11) bis(2-Chloroethyl)ether	7.61	93	132011	38.58	ng		92
12) 1,3-Dichlorobenzene	8.08	146	148317	38.20	ng		99
13) 1,4-Dichlorobenzene	8.23	146	151618	37.68	ng		95
14) 1,2-Dichlorobenzene	8.56	146	142240	37.04	ng		96
15) Benzyl Alcohol	8.45	79	163048	42.64	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.72	45	252599	39.86	ng		93
17) 2-Methylphenol	8.65	107	132423	45.41	ng		97
18) Hexachloroethane	9.28	117	62163	40.22	ng		92
19) n-Nitroso-di-n-propylamine	9.00	70	137547	40.65	ng		96
20) 3+4-Methylphenols	8.98	107	177089	43.88	ng		92
22) Acetophenone	9.03	105	234007	39.39	ng	#	94
24) Nitrobenzene	9.43	77	215354	40.57	ng		93
25) Isophorone	9.94	82	385049	43.94	ng		99
26) 2-Nitrophenol	10.14	139	83108	40.93	ng		98
27) 2,4-Dimethylphenol	10.19	122	137818	41.29	ng		86
28) bis(2-Chloroethoxy)methane	10.41	93	200199	43.99	ng		96
29) 2,4-Dichlorophenol	10.69	162	163686	45.82	ng		93
30) 1,2,4-Trichlorobenzene	10.88	180	172827	40.05	ng		96
31) Naphthalene	11.08	128	417962	39.14	ng		97
32) Benzoic acid	10.33	122	93015	34.65	ng		97
33) 4-Chloroaniline	11.21	127	54846	12.21	ng		98
34) Hexachlorobutadiene	11.33	225	138167	39.22	ng		94
35) Caprolactam	11.98	113	60424m	45.02	ng		
36) 4-Chloro-3-methylphenol	12.31	107	191974	43.54	ng		99
37) 2-Methylnaphthalene	12.67	142	338232	42.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	238951	41.55	ng	#	95
40) Hexachlorocyclopentadiene	12.99	237	222260	103.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	146977	40.59	ng		92
43) 2,4,5-Trichlorophenol	13.36	196	154019	40.63	ng		96
45) 1,1'-Biphenyl	13.66	154	493798	42.14	ng		97
46) 2-Chloronaphthalene	13.71	162	374330	40.89	ng		99
47) 2-Nitroaniline	13.93	65	165241	42.77	ng		95
48) Acenaphthylene	14.56	152	585694	41.28	ng		96
49) Dimethylphthalate	14.27	163	547268	43.09	ng		98
50) 2,6-Dinitrotoluene	14.41	165	119509	43.08	ng		97
51) Acenaphthene	14.89	154	372408	40.13	ng		94
52) 3-Nitroaniline	14.76	138	43488	16.31	ng		88
53) 2,4-Dinitrophenol	14.97	184	147432	80.97	ng		86
54) Dibenzofuran	15.23	168	635705	43.33	ng		97
55) 4-Nitrophenol	15.07	139	178737	89.72	ng		93
56) 2,4-Dinitrotoluene	15.21	165	175964	43.56	ng	#	90
57) Fluorene	15.87	166	517845	42.16	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.46	232	171979	42.35	ng		93
59) Diethylphthalate	15.62	149	569133	42.74	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	290047	41.67	ng		97
61) 4-Nitroaniline	15.91	138	99329	37.01	ng	#	76
62) Azobenzene	16.14	77	598569	46.61	ng		96
64) 4,6-Dinitro-2-methylphenol	15.97	198	112677	39.41	ng		83
65) n-Nitrosodiphenylamine	16.07	169	482322	43.22	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	220089	43.21	ng		92
67) Hexachlorobenzene	16.87	284	237815	40.69	ng		91
68) Atrazine	17.01	200	226744	46.38	ng		97
69) Pentachlorophenol	17.22	266	251287	82.93	ng		95
70) Phenanthrene	17.62	178	920253m	43.26	ng		
71) Anthracene	17.71	178	954940	44.18	ng		97
72) Carbazole	17.98	167	822383	42.53	ng		95
73) Di-n-butylphthalate	18.49	149	1010396	42.47	ng	#	95
74) Fluoranthene	19.62	202	1234187	43.92	ng		94
76) Benzidine	19.79	184	271949	18.40	ng		94
77) Pyrene	19.97	202	1263233	40.79	ng		95
79) Butylbenzylphthalate	20.83	149	516774	41.56	ng		99
80) Benzo(a)anthracene	21.84	228	1407480	42.59	ng		96
81) 3,3'-Dichlorobenzidine	21.75	252	240124	18.71	ng	#	95
82) Chrysene	21.91	228	1308100	41.27	ng		97
83) Bis(2-ethylhexyl)phthalate	21.68	149	751989	43.46	ng		96
84) Di-n-octyl phthalate	22.94	149	1303487	45.37	ng		96
85) Indeno(1,2,3-cd)pyrene	29.18	276	1880377	46.67	ng		99
87) Benzo(b)fluoranthene	24.17	252	1495658	42.14	ng		97
88) Benzo(k)fluoranthene	24.25	252	1484222m	43.30	ng		
89) Benzo(a)pyrene	25.10	252	1459181	42.57	ng		96
90) Dibenzo(a,h)anthracene	29.23	278	1552139	42.72	ng		98
91) Benzo(g,h,i)perylene	30.41	276	1548156	42.88	ng		99

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

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