Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025540.D
Acq On : 20 Jan 2017 16:00
Operator : UM/SJ
Sample : PB96092BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96092BS

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:33 PM

Quant Time: Jan 21 00:29:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	61930	20.00	ng		-0.02
21) Naphthalene-d8	11.00	136	248477	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	207191	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	483692	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	706617	20.00	ng		-0.02
86) Perylene-d12	25.23	264	762550	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	546890	160.51	ng		-0.02
7) Phenol-d6	7.34	99	767559	159.96	ng		-0.02
23) Nitrobenzene-d5	9.37	82	552201	98.18	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	469804	140.84	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1177620	92.02	ng		-0.02
78) Terphenyl-d14	20.13	244	2369318	88.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	54759	37.67	ng		94
3) Pyridine	3.96	79	161441	38.31	ng		99
4) n-Nitrosodimethylamine	3.88	42	118842	47.51	ng		97
6) Aniline	7.50	93	118344	18.20	ng		97
8) 2-Chlorophenol	7.74	128	183293	47.69	ng		95
9) Benzaldehyde	7.33	77	16294	4.64	ng		86
10) Phenol	7.37	94	275226	51.74	ng		94
11) bis(2-Chloroethyl)ether	7.59	93	175269	42.76	ng		97
12) 1,3-Dichlorobenzene	8.07	146	201609	43.35	ng		97
13) 1,4-Dichlorobenzene	8.21	146	201133	41.73	ng		94
14) 1,2-Dichlorobenzene	8.54	146	194660	42.32	ng		99
15) Benzyl Alcohol	8.43	79	217940	47.58	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.71	45	351188	46.27	ng		95
17) 2-Methylphenol	8.62	107	167907	48.07	ng		93
18) Hexachloroethane	9.26	117	78762	42.55	ng		88
19) n-Nitroso-di-n-propylamine	8.98	70	186016	45.90	ng		96
20) 3+4-Methylphenols	8.96	107	233677	48.34	ng		98
22) Acetophenone	9.01	105	313783	45.45	ng	#	98
24) Nitrobenzene	9.41	77	295273	47.86	ng		99
25) Isophorone	9.92	82	498999	49.00	ng		98
26) 2-Nitrophenol	10.12	139	108794	46.11	ng		96
27) 2,4-Dimethylphenol	10.16	122	189260	48.79	ng		96
28) bis(2-Chloroethoxy)methane	10.40	93	264652	50.04	ng		99
29) 2,4-Dichlorophenol	10.66	162	220704	53.17	ng		92
30) 1,2,4-Trichlorobenzene	10.86	180	224044	44.68	ng		96
31) Naphthalene	11.06	128	556540	44.85	ng		99
32) Benzoic acid	10.33	122	115626	37.06	ng		97
33) 4-Chloroaniline	11.19	127	53840	10.32	ng		94
34) Hexachlorobutadiene	11.32	225	182449	44.57	ng		97
35) Caprolactam	11.96	113	73519m	47.14	ng		
36) 4-Chloro-3-methylphenol	12.29	107	254288	49.63	ng		98
37) 2-Methylnaphthalene	12.65	142	441069	47.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	312407	45.67	ng		97
40) Hexachlorocyclopentadiene	12.97	237	304477	117.41	ng		93

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Quant Time: Jan 21 00:29:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.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	13.26	196	203797	47.32	ng		99
43) 2,4,5-Trichlorophenol	13.35	196	203159	45.06	ng		98
45) 1,1'-Biphenyl	13.64	154	625063	44.85	ng		95
46) 2-Chloronaphthalene	13.70	162	488305	44.85	ng		98
47) 2-Nitroaniline	13.91	65	217520	47.33	ng		97
48) Acenaphthylene	14.54	152	768880	45.56	ng		98
49) Dimethylphthalate	14.25	163	707853	46.86	ng		95
50) 2,6-Dinitrotoluene	14.39	165	155342	47.08	ng		95
51) Acenaphthene	14.87	154	486390	44.07	ng		99
52) 3-Nitroaniline	14.74	138	44614	14.06	ng		99
53) 2,4-Dinitrophenol	14.96	184	181988	83.84	ng	#	85
54) Dibenzofuran	15.21	168	826167	47.35	ng		96
55) 4-Nitrophenol	15.05	139	231289	97.62	ng		92
56) 2,4-Dinitrotoluene	15.19	165	237328	49.40	ng	#	88
57) Fluorene	15.85	166	674302	46.16	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	230034	47.63	ng		93
59) Diethylphthalate	15.60	149	739455	46.68	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	381002	46.02	ng		97
61) 4-Nitroaniline	15.90	138	129606	40.60	ng		91
62) Azobenzene	16.13	77	806053	52.77	ng		97
64) 4,6-Dinitro-2-methylphenol	15.96	198	150534	44.94	ng		82
65) n-Nitrosodiphenylamine	16.06	169	632201	48.36	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	278486	46.67	ng		93
67) Hexachlorobenzene	16.86	284	321260	46.92	ng	#	86
68) Atrazine	16.99	200	294550	51.42	ng		97
69) Pentachlorophenol	17.21	266	334205	94.14	ng		94
70) Phenanthrene	17.60	178	1188822	47.70	ng		97
71) Anthracene	17.69	178	1215565	48.00	ng		98
72) Carbazole	17.97	167	1096602	48.41	ng		96
73) Di-n-butylphthalate	18.48	149	1325687	47.57	ng		97
74) Fluoranthene	19.60	202	1632625	49.59	ng		95
76) Benzidine	19.78	184	431688	24.49	ng		95
77) Pyrene	19.96	202	1630411	44.15	ng		99
79) Butylbenzylphthalate	20.81	149	707101	47.69	ng		99
80) Benzo(a)anthracene	21.83	228	1855830	47.09	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	304379	19.88	ng		99
82) Chrysene	21.89	228	1715448	45.39	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	1007393	48.82	ng	#	97
84) Di-n-octyl phthalate	22.91	149	1730982	50.53	ng		96
85) Indeno(1,2,3-cd)pyrene	29.14	276	2395465	49.86	ng	#	96
87) Benzo(b)fluoranthene	24.15	252	1913044	45.98	ng		98
88) Benzo(k)fluoranthene	24.21	252	1907568	47.48	ng		96
89) Benzo(a)pyrene	25.07	252	1878951	46.76	ng		98
90) Dibenzo(a,h)anthracene	29.18	278	2005002	47.08	ng		98
91) Benzo(g,h,i)perylene	30.35	276	1963085	46.38	ng		95

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

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