Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026014.D
Acq On : 1 Mar 2017 2:23
Operator : SJ/MA
Sample : PB97225BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Manual Integrations APPROVED
mohammad
3/1/2017 3:07:21 PM

Quant Time: Mar 01 03:29:09 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	111522	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	537475	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	366789	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	928036	20.00	ng		0.00
75) Chrysene-d12	21.66	240	915310	20.00	ng		-0.02
86) Perylene-d12	24.86	264	909930	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	841104	131.31	ng		0.00
7) Phenol-d6	7.23	99	1176378	124.10	ng		0.00
23) Nitrobenzene-d5	9.23	82	641884	75.37	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	505875	149.28	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1694991	80.75	ng		-0.02
78) Terphenyl-d14	20.01	244	2391964	63.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	81166	27.72	ng	#	82
3) Pyridine	3.93	79	235001	26.94	ng	#	74
4) n-Nitrosodimethylamine	3.84	42	98157	31.29	ng	#	29
6) Aniline	7.40	93	206246	15.65	ng		93
8) 2-Chlorophenol	7.64	128	307135	40.34	ng		86
9) Benzaldehyde	7.21	77	76185	13.56	ng	#	67
10) Phenol	7.26	94	409694	39.77	ng	#	74
11) bis(2-Chloroethyl)ether	7.49	93	270001	31.89	ng		89
12) 1,3-Dichlorobenzene	7.97	146	296030	33.64	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	302387	33.92	ng		95
14) 1,2-Dichlorobenzene	8.43	146	293144	33.49	ng		91
15) Benzyl Alcohol	8.31	79	278138	40.07	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.61	45	338818	27.58	ng		87
17) 2-Methylphenol	8.51	107	286206	38.57	ng	#	84
18) Hexachloroethane	9.17	117	100527	34.02	ng		89
19) n-Nitroso-di-n-propylamine	8.88	70	224099	32.37	ng	#	79
20) 3+4-Methylphenols	8.84	107	404296	38.24	ng		86
22) Acetophenone	8.89	105	439125	34.05	ng	#	80
24) Nitrobenzene	9.28	77	322260	34.99	ng	#	78
25) Isophorone	9.79	82	634741	33.87	ng	#	92
26) 2-Nitrophenol	9.99	139	174864	40.60	ng	#	68
27) 2,4-Dimethylphenol	10.04	122	329429	40.98	ng		89
28) bis(2-Chloroethoxy)methane	10.28	93	396394	33.37	ng	#	96
29) 2,4-Dichlorophenol	10.52	162	331911	43.26	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	296274	35.51	ng		99
31) Naphthalene	10.93	128	945530	34.03	ng		100
32) Benzoic acid	10.16	122	274763	44.77	ng	#	76
33) 4-Chloroaniline	11.03	127	78417	6.50	ng	#	82
34) Hexachlorobutadiene	11.22	225	160977	33.91	ng		97
35) Caprolactam	11.79	113	144285m	46.57	ng		
36) 4-Chloro-3-methylphenol	12.14	107	402010	43.80	ng	#	82
37) 2-Methylnaphthalene	12.52	142	754356	35.64	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	335972	36.55	ng		99
40) Hexachlorocyclopentadiene	12.87	237	379306	75.40	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	281685	47.44	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	310367	46.05	ng		95
45) 1,1'-Biphenyl	13.52	154	1014685	38.17	ng		99
46) 2-Chloronaphthalene	13.57	162	747794	38.92	ng		98
47) 2-Nitroaniline	13.75	65	284606	46.70	ng	#	74
48) Acenaphthylene	14.41	152	1335417	39.03	ng		99
49) Dimethylphthalate	14.13	163	1049286	41.70	ng		98
50) 2,6-Dinitrotoluene	14.25	165	250429	44.31	ng	#	70
51) Acenaphthene	14.75	154	872457	38.61	ng		97
52) 3-Nitroaniline	14.57	138	121566	19.23	ng	#	73
53) 2,4-Dinitrophenol	14.78	184	318339	107.62	ng	#	86
54) Dibenzofuran	15.08	168	1309750	43.48	ng		92
55) 4-Nitrophenol	14.88	139	481092	93.50	ng	#	49
56) 2,4-Dinitrotoluene	15.03	165	368074	48.40	ng	#	80
57) Fluorene	15.72	166	1086046	40.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	297364	50.01	ng		96
59) Diethylphthalate	15.49	149	1124173	43.19	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	506391	40.60	ng		95
61) 4-Nitroaniline	15.73	138	297219	45.35	ng	#	58
62) Azobenzene	16.00	77	1040164	46.49	ng		86
64) 4,6-Dinitro-2-methylphenol	15.79	198	221975	40.87	ng		92
65) n-Nitrosodiphenylamine	15.92	169	1004002	35.67	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	347406	35.72	ng		95
67) Hexachlorobenzene	16.73	284	352789	35.19	ng		93
68) Atrazine	16.86	200	369286	37.07	ng		97
69) Pentachlorophenol	17.06	266	466268	75.40	ng		96
70) Phenanthrene	17.46	178	1767556	35.09	ng		97
71) Anthracene	17.54	178	1842992	35.88	ng		99
72) Carbazole	17.81	167	1682625	32.61	ng		96
73) Di-n-butylphthalate	18.36	149	1961818	38.73	ng	#	95
74) Fluoranthene	19.45	202	1952428	35.20	ng		94
76) Benzidine	19.62	184	668079	23.12	ng		97
77) Pyrene	19.81	202	1958702	33.84	ng		98
79) Butylbenzylphthalate	20.69	149	884039	40.24	ng		89
80) Benzo(a)anthracene	21.64	228	1878858	35.16	ng		97
81) 3,3'-Dichlorobenzidine	21.55	252	432352	22.69	ng	#	98
82) Chrysene	21.71	228	1703449	33.15	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1243423	39.20	ng	#	98
84) Di-n-octyl phthalate	22.74	149	2147598	41.00	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2251361	37.20	ng	#	87
87) Benzo(b)fluoranthene	23.85	252	1930856	35.43	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1891996	35.58	ng	#	92
89) Benzo(a)pyrene	24.71	252	1871454	36.27	ng	#	93
90) Dibenzo(a,h)anthracene	28.57	278	1850977	35.70	ng	#	92
91) Benzo(g,h,i)perylene	29.66	276	1879168	36.15	ng	#	86

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

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