Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026337.D
Acq On : 20 Mar 2017 21:43
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/21/2017 5:22:19 PM

Quant Time: Mar 21 04:58:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	129555	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	558899	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	320931	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	748100	20.00	ng		0.00
75) Chrysene-d12	21.63	240	803906	20.00	ng		0.00
86) Perylene-d12	24.82	264	804585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	594090	81.39	ng		0.00
7) Phenol-d6	7.21	99	795503	81.18	ng		0.00
23) Nitrobenzene-d5	9.21	82	746752	80.34	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	301388	82.01	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1831842	80.05	ng		0.00
78) Terphenyl-d14	19.98	244	2694083	81.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	132884	40.56	ng	#	71
3) Pyridine	3.91	79	360519	40.18	ng	#	64
4) n-Nitrosodimethylamine	3.82	42	95898	39.10	ng	#	1
6) Aniline	7.37	93	527120	40.27	ng	#	89
8) 2-Chlorophenol	7.61	128	334690	40.72	ng	#	82
9) Benzaldehyde	7.18	77	263761	39.87	ng	#	71
10) Phenol	7.23	94	418506	40.02	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	344926	40.22	ng	#	83
12) 1,3-Dichlorobenzene	7.94	146	401236	41.01	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	403840m	40.80	ng		
14) 1,2-Dichlorobenzene	8.40	146	384742	40.62	ng	#	92
15) Benzyl Alcohol	8.28	79	260105	40.49	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.57	45	364523	38.28	ng		84
17) 2-Methylphenol	8.48	107	301891	40.65	ng	#	81
18) Hexachloroethane	9.13	117	130915	40.45	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	246343	39.10	ng	#	71
20) 3+4-Methylphenols	8.81	107	422013	41.27	ng		85
22) Acetophenone	8.87	105	521582	40.58	ng	#	74
24) Nitrobenzene	9.25	77	365575	39.83	ng	#	75
25) Isophorone	9.77	82	699011	39.90	ng	#	90
26) 2-Nitrophenol	9.96	139	199189	41.71	ng	#	65
27) 2,4-Dimethylphenol	10.02	122	322681	41.17	ng		85
28) bis(2-Chloroethoxy)methane	10.25	93	454171	39.91	ng		99
29) 2,4-Dichlorophenol	10.49	162	335366	42.30	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	368540	41.39	ng		99
31) Naphthalene	10.90	128	1142428	40.43	ng		100
32) Benzoic acid	10.15	122	240120	39.81	ng	#	71
33) 4-Chloroaniline	11.00	127	462072	40.20	ng	#	81
34) Hexachlorobutadiene	11.19	225	215000	40.92	ng		97
35) Caprolactam	11.77	113	124080	39.72	ng	#	53
36) 4-Chloro-3-methylphenol	12.11	107	342359	40.37	ng	#	74
37) 2-Methylnaphthalene	12.50	142	840253	40.59	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	395579	40.97	ng		98
40) Hexachlorocyclopentadiene	12.84	237	211823	41.68	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	260045	41.13	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	286169	40.95	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1064334	40.05	ng		98
46) 2-Chloronaphthalene	13.54	162	781472	40.26	ng		97
47) 2-Nitroaniline	13.73	65	223242	40.44	ng	#	65
48) Acenaphthylene	14.38	152	1365500	40.35	ng		98
49) Dimethylphthalate	14.11	163	971327	40.10	ng		97
50) 2,6-Dinitrotoluene	14.22	165	237431	42.00	ng	#	61
51) Acenaphthene	14.72	154	832241	39.94	ng		99
52) 3-Nitroaniline	14.55	138	257944	41.44	ng	#	71
53) 2,4-Dinitrophenol	14.76	184	128236	39.10	ng	#	75
54) Dibenzofuran	15.05	168	1178663	40.17	ng	#	89
55) 4-Nitrophenol	14.86	139	206938	40.60	ng	#	41
56) 2,4-Dinitrotoluene	15.01	165	326982	41.12	ng	#	71
57) Fluorene	15.69	166	1045392	40.04	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	247260	40.57	ng	#	98
59) Diethylphthalate	15.46	149	983922	39.74	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	498317	40.27	ng		88
61) 4-Nitroaniline	15.71	138	267578	40.63	ng	#	50
62) Azobenzene	15.97	77	796167	39.55	ng		81
64) 4,6-Dinitro-2-methylphenol	15.77	198	199456	42.29	ng		85
65) n-Nitrosodiphenylamine	15.90	169	889768	40.53	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	318812	41.40	ng		94
67) Hexachlorobenzene	16.70	284	334766	40.76	ng		91
68) Atrazine	16.84	200	335797	40.40	ng		97
69) Pentachlorophenol	17.04	266	218951	41.00	ng		97
70) Phenanthrene	17.43	178	1589961	39.58	ng		96
71) Anthracene	17.52	178	1653700	40.35	ng		99
72) Carbazole	17.78	167	1671647	39.61	ng		97
73) Di-n-butylphthalate	18.34	149	1717438	39.61	ng	#	93
74) Fluoranthene	19.43	202	1859797	39.37	ng		95
76) Benzidine	19.60	184	1156513	41.73	ng		98
77) Pyrene	19.79	202	1919264	41.23	ng		99
79) Butylbenzylphthalate	20.66	149	765428	41.10	ng	#	85
80) Benzo(a)anthracene	21.61	228	1807099	39.95	ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	740194	39.97	ng	#	97
82) Chrysene	21.68	228	1760044	40.72	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	1123830	39.95	ng		99
84) Di-n-octyl phthalate	22.70	149	1949279	40.60	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	2208553	41.39	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	1929831	40.69	ng	#	96
88) Benzo(k)fluoranthene	23.87	252	1853454	40.30	ng	#	93
89) Benzo(a)pyrene	24.67	252	1826901	40.16	ng	#	95
90) Dibenzo(a,h)anthracene	28.51	278	1855886	40.37	ng	#	93
91) Benzo(g,h,i)perylene	29.59	276	1872267	40.42	ng	#	88

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

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