Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
Data File : BG026377.D
Acq On : 22 Mar 2017 16:03
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/23/2017 2:06:57 PM

Quant Time: Mar 23 01:21:16 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	8.04	152	146348	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	628391	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	369846	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	850651	20.00	ng		0.00
75) Chrysene-d12	21.63	240	922552	20.00	ng		0.00
86) Perylene-d12	24.81	264	937006	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	651066	78.96	ng		0.00
7) Phenol-d6	7.20	99	874976	79.04	ng		0.00
23) Nitrobenzene-d5	9.20	82	810927	77.59	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	356312	84.13	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2067146	78.38	ng		0.00
78) Terphenyl-d14	19.98	244	2987306	78.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	137235	37.08	ng	#	71
3) Pyridine	3.90	79	389469	38.43	ng	#	60
4) n-Nitrosodimethylamine	3.81	42	100918	36.43	ng	#	1
6) Aniline	7.36	93	573235	38.76	ng	#	87
8) 2-Chlorophenol	7.61	128	372174	40.08	ng	#	81
9) Benzaldehyde	7.18	77	278331	37.25	ng	#	66
10) Phenol	7.23	94	461885	39.10	ng	#	68
11) bis(2-Chloroethyl)ether	7.45	93	375929	38.81	ng	#	81
12) 1,3-Dichlorobenzene	7.93	146	439242	39.74	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	449209m	40.18	ng		
14) 1,2-Dichlorobenzene	8.40	146	429894	40.18	ng	#	91
15) Benzyl Alcohol	8.28	79	287879	39.67	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.57	45	381049	35.42	ng		81
17) 2-Methylphenol	8.48	107	326057	38.87	ng	#	81
18) Hexachloroethane	9.13	117	145195	39.71	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	267169	37.54	ng	#	71
20) 3+4-Methylphenols	8.80	107	467395	40.47	ng		84
22) Acetophenone	8.86	105	573029	39.65	ng	#	72
24) Nitrobenzene	9.24	77	399294	38.70	ng	#	72
25) Isophorone	9.76	82	769100	39.05	ng	#	88
26) 2-Nitrophenol	9.95	139	229502	42.74	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	356757	40.48	ng		85
28) bis(2-Chloroethoxy)methane	10.24	93	505289	39.49	ng		98
29) 2,4-Dichlorophenol	10.49	162	377068	42.30	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	417989	41.75	ng		99
31) Naphthalene	10.89	128	1268997	39.94	ng		100
32) Benzoic acid	10.14	122	277928	40.98	ng	#	67
33) 4-Chloroaniline	11.00	127	527552	40.82	ng	#	81
34) Hexachlorobutadiene	11.18	225	247719	41.94	ng		99
35) Caprolactam	11.76	113	138565	39.46	ng	#	58
36) 4-Chloro-3-methylphenol	12.11	107	381614	40.03	ng	#	73
37) 2-Methylnaphthalene	12.49	142	939896	40.39	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	458612	41.21	ng		97
40) Hexachlorocyclopentadiene	12.84	237	238898	40.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	302893	41.57	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	335471	41.66	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1211461	39.55	ng		99
46) 2-Chloronaphthalene	13.53	162	890204	39.79	ng		96
47) 2-Nitroaniline	13.73	65	239413	37.63	ng	#	53
48) Acenaphthylene	14.37	152	1536789	39.41	ng		99
49) Dimethylphthalate	14.10	163	1109997	39.76	ng		97
50) 2,6-Dinitrotoluene	14.22	165	269054	41.30	ng	#	59
51) Acenaphthene	14.72	154	941873	39.22	ng		97
52) 3-Nitroaniline	14.55	138	293423	40.90	ng	#	68
53) 2,4-Dinitrophenol	14.76	184	140697	37.23	ng	#	75
54) Dibenzofuran	15.04	168	1328953	39.30	ng	#	90
55) 4-Nitrophenol	14.86	139	235654	40.11	ng	#	37
56) 2,4-Dinitrotoluene	15.01	165	377947	41.24	ng	#	68
57) Fluorene	15.69	166	1179377	39.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	287768	40.97	ng	#	96
59) Diethylphthalate	15.46	149	1110971	38.94	ng		100
60) 4-Chlorophenyl-phenylether	15.68	204	577811	40.52	ng		89
61) 4-Nitroaniline	15.71	138	302852	39.91	ng	#	48
62) Azobenzene	15.97	77	864496	37.26	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	235179	43.85	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1011980	40.54	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	376558	43.01	ng		95
67) Hexachlorobenzene	16.70	284	397513	42.56	ng	#	88
68) Atrazine	16.84	200	382819	40.51	ng		96
69) Pentachlorophenol	17.04	266	255262	42.04	ng		96
70) Phenanthrene	17.42	178	1793543	39.26	ng		98
71) Anthracene	17.52	178	1856541	39.83	ng		99
72) Carbazole	17.78	167	1883508	39.25	ng		97
73) Di-n-butylphthalate	18.33	149	1931372	39.18	ng	#	93
74) Fluoranthene	19.43	202	2098698	39.07	ng		96
76) Benzidine	19.60	184	1221585	38.40	ng		99
77) Pyrene	19.79	202	2144036	40.14	ng		100
79) Butylbenzylphthalate	20.66	149	882858	41.31	ng	#	83
80) Benzo(a)anthracene	21.61	228	2057346	39.63	ng		98
81) 3,3'-Dichlorobenzidine	21.52	252	877009	41.27	ng	#	99
82) Chrysene	21.68	228	1974432	39.81	ng		100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1287604	39.89	ng		97
84) Di-n-octyl phthalate	22.70	149	2216343	40.23	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	2564988	41.88	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	2168518	39.26	ng	#	97
88) Benzo(k)fluoranthene	23.87	252	2155342	40.24	ng	#	95
89) Benzo(a)pyrene	24.67	252	2111658	39.86	ng	#	94
90) Dibenzo(a,h)anthracene	28.49	278	2196000	41.01	ng	#	94
91) Benzo(g,h,i)perylene	29.57	276	2177334	40.36	ng	#	89

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

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