Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
Data File : BG026409.D
Acq On : 23 Mar 2017 19:12
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/24/2017 12:17:48 PM

Quant Time: Mar 24 01:36:51 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	203794	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	874176	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	595691	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	1283586	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1439064	20.00	ng		0.00
86) Perylene-d12	24.81	264	1528514	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	916195	79.79	ng		0.00
7) Phenol-d6	7.21	99	1193437	77.42	ng		0.00
23) Nitrobenzene-d5	9.21	82	1026732	70.62	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	533272	78.17	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2605469	61.34	ng		0.00
78) Terphenyl-d14	19.98	244	3900345	65.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	199527	38.71	ng	#	68
3) Pyridine	3.91	79	542176	38.41	ng	#	61
4) n-Nitrosodimethylamine	3.82	42	141891	36.78	ng	#	1
6) Aniline	7.37	93	802671	38.98	ng	#	86
8) 2-Chlorophenol	7.61	128	525566	40.65	ng	#	80
9) Benzaldehyde	7.18	77	280163	26.92	ng	#	68
10) Phenol	7.24	94	643384	39.11	ng	#	68
11) bis(2-Chloroethyl)ether	7.46	93	517427	38.36	ng	#	80
12) 1,3-Dichlorobenzene	7.93	146	627368	40.76	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	640998m	41.17	ng		
14) 1,2-Dichlorobenzene	8.40	146	605856	40.66	ng	#	91
15) Benzyl Alcohol	8.28	79	388613	38.45	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	503974	33.64	ng		79
17) 2-Methylphenol	8.48	107	465254	39.82	ng	#	80
18) Hexachloroethane	9.12	117	205453	40.35	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	365221	36.85	ng	#	69
20) 3+4-Methylphenols	8.81	107	651083	40.48	ng		84
22) Acetophenone	8.86	105	786354	39.12	ng	#	73
24) Nitrobenzene	9.25	77	538008	37.48	ng	#	67
25) Isophorone	9.77	82	1047929	38.24	ng	#	88
26) 2-Nitrophenol	9.96	139	326974	43.78	ng	#	59
27) 2,4-Dimethylphenol	10.02	122	508394	41.47	ng		85
28) bis(2-Chloroethoxy)methane	10.25	93	686442	38.56	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	539724	43.53	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	584640	41.97	ng		99
31) Naphthalene	10.89	128	1720267	38.92	ng		99
32) Benzoic acid	10.17	122	419809	44.50	ng	#	71
33) 4-Chloroaniline	11.00	127	747195	41.56	ng	#	80
34) Hexachlorobutadiene	11.18	225	346427	42.16	ng		98
35) Caprolactam	11.78	113	206588	42.29	ng	#	48
36) 4-Chloro-3-methylphenol	12.12	107	544125	41.02	ng	#	73
37) 2-Methylnaphthalene	12.49	142	1301241	40.19	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	649387	36.23	ng		97
40) Hexachlorocyclopentadiene	12.84	237	350411	37.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	433162	36.91	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	489374	37.73	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1664091	33.73	ng		99
46) 2-Chloronaphthalene	13.54	162	1237081	34.33	ng		96
47) 2-Nitroaniline	13.73	65	344533	33.62	ng	#	55
48) Acenaphthylene	14.38	152	2144121	34.14	ng		99
49) Dimethylphthalate	14.11	163	1558670	34.67	ng		98
50) 2,6-Dinitrotoluene	14.22	165	398830	38.01	ng	#	58
51) Acenaphthene	14.72	154	1330700	34.40	ng		98
52) 3-Nitroaniline	14.55	138	440264	38.10	ng	#	66
53) 2,4-Dinitrophenol	14.77	184	255114	41.91	ng	#	71
54) Dibenzofuran	15.05	168	1867022	34.28	ng		90
55) 4-Nitrophenol	14.87	139	363238	38.39	ng	#	38
56) 2,4-Dinitrotoluene	15.01	165	561471	38.04	ng	#	67
57) Fluorene	15.69	166	1681433	34.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	424424	37.52	ng	#	95
59) Diethylphthalate	15.46	149	1594817	34.70	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	824501	35.90	ng		89
61) 4-Nitroaniline	15.72	138	472177	38.63	ng	#	49
62) Azobenzene	15.98	77	1195783	32.00	ng		76
64) 4,6-Dinitro-2-methylphenol	15.78	198	373357	46.14	ng		85
65) n-Nitrosodiphenylamine	15.89	169	1464694	38.88	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	563119	42.62	ng		95
67) Hexachlorobenzene	16.70	284	589956	41.86	ng		89
68) Atrazine	16.84	200	560447	39.30	ng		97
69) Pentachlorophenol	17.04	266	390467	42.61	ng		99
70) Phenanthrene	17.43	178	2590682	37.59	ng		99
71) Anthracene	17.51	178	2684142	38.17	ng		97
72) Carbazole	17.79	167	2770743	38.26	ng		97
73) Di-n-butylphthalate	18.33	149	2768073	37.21	ng	#	96
74) Fluoranthene	19.42	202	3067069	37.84	ng		96
76) Benzidine	19.60	184	1105887	22.29	ng		98
77) Pyrene	19.79	202	3161576	37.94	ng		95
79) Butylbenzylphthalate	20.66	149	1362658	40.87	ng	#	84
80) Benzo(a)anthracene	21.61	228	3138739	38.76	ng		97
81) 3,3'-Dichlorobenzidine	21.52	252	1275492	38.47	ng	#	99
82) Chrysene	21.68	228	2971857	38.41	ng		95
83) Bis(2-ethylhexyl)phthalate	21.51	149	1957128	38.87	ng		95
84) Di-n-octyl phthalate	22.70	149	3339920	38.86	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.45	276	4141084	43.35	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	3453709	38.33	ng	#	95
88) Benzo(k)fluoranthene	23.87	252	3303888	37.81	ng	#	96
89) Benzo(a)pyrene	24.67	252	3313344	38.34	ng	#	95
90) Dibenzo(a,h)anthracene	28.50	278	3488282	39.94	ng	#	92
91) Benzo(g,h,i)perylene	29.58	276	3466470	39.39	ng	#	86

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

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