Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029016.D
Acq On : 3 Oct 2017 21:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/4/2017 4:58:10 PM

Quant Time: Oct 04 07:13:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	36919	20.00	ng		-0.09
21) Naphthalene-d8	11.06	136	155441	20.00	ng		-0.09
38) Acenaphthene-d10	14.86	164	110101	20.00	ng		-0.08
63) Phenanthrene-d10	17.62	188	269983	20.00	ng		-0.08
75) Chrysene-d12	21.93	240	297343	20.00	ng		-0.11
86) Perylene-d12	25.34	264	289113	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	190325	85.06	ng		-0.09
7) Phenol-d6	7.40	99	275828	81.88	ng		-0.09
23) Nitrobenzene-d5	9.41	82	276780	85.18	ng		-0.09
41) 2,4,6-Tribromophenol	16.36	330	154112	84.63	ng		-0.08
44) 2-Fluorobiphenyl	13.48	172	696291	84.33	ng		-0.08
78) Terphenyl-d14	20.20	244	1233776	88.49	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.72	88	37038	40.877	ng	#	95
3) Pyridine	4.12	79	101408	39.235	ng	#	91
4) n-Nitrosodimethylamine	4.03	42	49993	42.521	ng	#	75
6) Aniline	7.57	93	128235	32.708	ng		94
8) 2-Chlorophenol	7.81	128	103157	41.358	ng		97
9) Benzaldehyde	7.38	77	74992	35.881	ng		90
10) Phenol	7.43	94	146260	41.139	ng		88
11) bis(2-Chloroethyl)ether	7.65	93	100705	39.454	ng		94
12) 1,3-Dichlorobenzene	8.13	146	112101	41.738	ng		92
13) 1,4-Dichlorobenzene	8.28	146	118684	42.974	ng		99
14) 1,2-Dichlorobenzene	8.59	146	114906	42.114	ng		97
15) Benzyl Alcohol	8.48	79	103359	39.304	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.76	45	191883	41.363	ng		98
17) 2-Methylphenol	8.68	107	96124	41.376	ng		93
18) Hexachloroethane	9.32	117	41784	41.280	ng		93
19) n-Nitroso-di-n-propylamine	9.04	70	102062	42.738	ng	#	92
20) 3+4-Methylphenols	9.01	107	135626	41.737	ng		93
22) Acetophenone	9.06	105	194900	42.883	ng	#	88
24) Nitrobenzene	9.46	77	150803	41.912	ng		96
25) Isophorone	9.97	82	276481	42.052	ng		99
26) 2-Nitrophenol	10.17	139	62814	41.019	ng		93
27) 2,4-Dimethylphenol	10.22	122	112440	40.169	ng		95
28) bis(2-Chloroethoxy)methane	10.44	93	150499	42.152	ng		98
29) 2,4-Dichlorophenol	10.71	162	115548	41.488	ng		96
30) 1,2,4-Trichlorobenzene	10.92	180	132282	41.635	ng		99
31) Naphthalene	11.11	128	344285	42.408	ng		97
32) Benzoic acid	10.39	122	77630	40.185	ng		85
33) 4-Chloroaniline	11.23	127	114405	33.639	ng		94
34) Hexachlorobutadiene	11.38	225	93364	39.896	ng		97
35) Caprolactam	12.00	113	41288	41.340	ng		96
36) 4-Chloro-3-methylphenol	12.33	107	148857	41.069	ng		97
37) 2-Methylnaphthalene	12.70	142	252256	41.618	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	191826	42.374	ng	#	96
40) Hexachlorocyclopentadiene	13.04	237	58331	37.619	ng		94

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Quant Time: Oct 04 07:13:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	115998	40.372	ng		92
43) 2,4,5-Trichlorophenol	13.39	196	119374	41.347	ng		92
45) 1,1'-Biphenyl	13.69	154	387871	42.549	ng		97
46) 2-Chloronaphthalene	13.75	162	276823	41.634	ng		99
47) 2-Nitroaniline	13.95	65	103757	41.988	ng		94
48) Acenaphthylene	14.59	152	452672	42.614	ng		96
49) Dimethylphthalate	14.31	163	393235	42.592	ng		96
50) 2,6-Dinitrotoluene	14.44	165	88767	43.209	ng	#	79
51) Acenaphthene	14.93	154	273356	42.362	ng		97
52) 3-Nitroaniline	14.77	138	75871	41.763	ng		92
53) 2,4-Dinitrophenol	14.99	184	37261	38.980	ng		93
54) Dibenzofuran	15.26	168	432728	42.051	ng		94
55) 4-Nitrophenol	15.10	139	56153	42.188	ng	#	75
56) 2,4-Dinitrotoluene	15.23	165	123001	42.582	ng		87
57) Fluorene	15.91	166	392288	42.700	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	106090	41.693	ng	#	92
59) Diethylphthalate	15.66	149	398829	42.036	ng		98
60) 4-Chlorophenyl-phenylether	15.89	204	222789	42.588	ng		89
61) 4-Nitroaniline	15.94	138	82033	42.622	ng		87
62) Azobenzene	16.18	77	342466	42.918	ng		93
64) 4,6-Dinitro-2-methylphenol	16.00	198	79780	45.795	ng		98
65) n-Nitrosodiphenylamine	16.11	169	331582	42.843	ng		99
66) 4-Bromophenyl-phenylether	16.79	248	148101	42.632	ng		98
67) Hexachlorobenzene	16.93	284	168951	42.731	ng	#	91
68) Atrazine	17.05	200	135751	40.851	ng		98
69) Pentachlorophenol	17.27	266	75221	42.107	ng		88
70) Phenanthrene	17.66	178	591857	42.868	ng		95
71) Anthracene	17.75	178	599593	42.991	ng		95
72) Carbazole	18.02	167	551951	43.942	ng	#	93
73) Di-n-butylphthalate	18.55	149	663996	43.112	ng	#	94
74) Fluoranthene	19.66	202	729233	43.258	ng		93
76) Benzidine	19.83	184	91978	11.928	ng		99
77) Pyrene	20.02	202	756004	44.080	ng		96
79) Butylbenzylphthalate	20.89	149	290552	41.947	ng		95
80) Benzo(a)anthracene	21.91	228	755961	42.237	ng		95
81) 3,3'-Dichlorobenzidine	21.81	252	294236	40.548	ng		96
82) Chrysene	21.98	228	719287	42.355	ng		95
83) Bis(2-ethylhexyl)phthalate	21.77	149	400466	40.667	ng		99
84) Di-n-octyl phthalate	23.04	149	677961	39.405	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.27	276	866099	39.693	ng		100
87) Benzo(b)fluoranthene	24.25	252	732832	42.308	ng		97
88) Benzo(k)fluoranthene	24.33	252	751721m	43.447	ng		
89) Benzo(a)pyrene	25.19	252	699171	42.525	ng		96
90) Dibenzo(a,h)anthracene	29.32	278	718638	41.925	ng	#	97
91) Benzo(g,h,i)perylene	30.51	276	700444	41.880	ng		99

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

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