Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
Data File : BG025469.D
Acq On : 11 Jan 2017 2:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/11/2017 9:11:07 AM

Quant Time: Jan 11 06:36:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	64486	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	272080	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	220951	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	513215	20.00	ng		0.00
75) Chrysene-d12	21.86	240	721499	20.00	ng		0.00
86) Perylene-d12	25.27	264	794443	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	303033	85.42	ng		0.00
7) Phenol-d6	7.36	99	440875	88.24	ng		0.00
23) Nitrobenzene-d5	9.38	82	536132	87.05	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	290125	81.56	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1140726	83.58	ng		0.00
78) Terphenyl-d14	20.15	244	2107600	77.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	63558	41.99	ng		92
3) Pyridine	4.00	79	192882	43.96	ng		98
4) n-Nitrosodimethylamine	3.91	42	113064	43.41	ng	#	96
6) Aniline	7.52	93	299444	44.23	ng		98
8) 2-Chlorophenol	7.76	128	166792	41.68	ng		98
9) Benzaldehyde	7.34	77	143339	39.21	ng		90
10) Phenol	7.39	94	252511	45.59	ng		91
11) bis(2-Chloroethyl)ether	7.62	93	181671	42.57	ng		93
12) 1,3-Dichlorobenzene	8.09	146	204181m	42.16	ng		
13) 1,4-Dichlorobenzene	8.23	146	214859	42.81	ng		96
14) 1,2-Dichlorobenzene	8.56	146	196760	41.08	ng		93
15) Benzyl Alcohol	8.45	79	211256	44.29	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.72	45	353300	44.70	ng		98
17) 2-Methylphenol	8.65	107	162637	44.71	ng		95
18) Hexachloroethane	9.28	117	83017	43.07	ng		86
19) n-Nitroso-di-n-propylamine	9.00	70	188862	44.75	ng		96
20) 3+4-Methylphenols	8.98	107	226205	44.94	ng		91
22) Acetophenone	9.04	105	319646	42.28	ng	#	99
24) Nitrobenzene	9.43	77	294289	43.57	ng		98
25) Isophorone	9.94	82	491810	44.10	ng		100
26) 2-Nitrophenol	10.14	139	111569	43.18	ng	#	91
27) 2,4-Dimethylphenol	10.19	122	180892	42.59	ng		98
28) bis(2-Chloroethoxy)methane	10.42	93	247966	42.82	ng		93
29) 2,4-Dichlorophenol	10.68	162	195586	43.03	ng		99
30) 1,2,4-Trichlorobenzene	10.88	180	233409	42.51	ng		98
31) Naphthalene	11.08	128	585963	43.13	ng		99
32) Benzoic acid	10.35	122	151674	44.40	ng		89
33) 4-Chloroaniline	11.20	127	254327	44.50	ng		95
34) Hexachlorobutadiene	11.33	225	181209	40.43	ng		94
35) Caprolactam	11.97	113	74474	43.61	ng	#	92
36) 4-Chloro-3-methylphenol	12.31	107	240441	42.86	ng		95
37) 2-Methylnaphthalene	12.67	142	434875	43.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	310290	42.54	ng		97
40) Hexachlorocyclopentadiene	12.99	237	92531	39.54	ng		82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	190690	41.52	ng		99
43) 2,4,5-Trichlorophenol	13.36	196	200027	41.60	ng		97
45) 1,1'-Biphenyl	13.66	154	630573	42.43	ng		98
46) 2-Chloronaphthalene	13.71	162	478324	41.20	ng		99
47) 2-Nitroaniline	13.93	65	218960	44.68	ng		96
48) Acenaphthylene	14.55	152	742347	41.25	ng		99
49) Dimethylphthalate	14.27	163	682952	42.40	ng	#	97
50) 2,6-Dinitrotoluene	14.41	165	148697	42.26	ng		96
51) Acenaphthene	14.89	154	505524	42.95	ng		97
52) 3-Nitroaniline	14.75	138	149170	44.09	ng		95
53) 2,4-Dinitrophenol	14.98	184	81733	38.25	ng	#	84
54) Dibenzofuran	15.22	168	787871	42.34	ng		97
55) 4-Nitrophenol	15.08	139	110173	43.60	ng		92
56) 2,4-Dinitrotoluene	15.21	165	220592	43.05	ng	#	89
57) Fluorene	15.87	166	650140	41.73	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.46	232	206527	40.10	ng		93
59) Diethylphthalate	15.62	149	702081	41.56	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	363216	41.14	ng		97
61) 4-Nitroaniline	15.92	138	152736	44.87	ng		89
62) Azobenzene	16.15	77	705813	43.33	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	157734	44.38	ng		90
65) n-Nitrosodiphenylamine	16.07	169	583435	42.06	ng		99
66) 4-Bromophenyl-phenylether	16.75	248	264058	41.70	ng		92
67) Hexachlorobenzene	16.87	284	302945	41.70	ng	#	86
68) Atrazine	17.01	200	213046	35.05	ng		100
69) Pentachlorophenol	17.23	266	142822	37.92	ng		95
70) Phenanthrene	17.62	178	1102319	41.68	ng		95
71) Anthracene	17.71	178	1128455	41.99	ng		98
72) Carbazole	17.99	167	1001919	41.68	ng		98
73) Di-n-butylphthalate	18.50	149	1210904	40.95	ng		97
74) Fluoranthene	19.61	202	1460423	41.81	ng		94
76) Benzidine	19.79	184	646985	35.95	ng		96
77) Pyrene	19.98	202	1511668	40.09	ng		98
79) Butylbenzylphthalate	20.83	149	620948	41.01	ng		98
80) Benzo(a)anthracene	21.85	228	1639276	40.73	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	667735	42.72	ng	#	96
82) Chrysene	21.92	228	1588845	41.17	ng		96
83) Bis(2-ethylhexyl)phthalate	21.69	149	883021	41.91	ng		98
84) Di-n-octyl phthalate	22.94	149	1515707	43.33	ng		96
85) Indeno(1,2,3-cd)pyrene	29.20	276	2135871	43.54	ng	#	97
87) Benzo(b)fluoranthene	24.18	252	1740121m	40.14	ng		
88) Benzo(k)fluoranthene	24.25	252	1747381	41.74	ng		99
89) Benzo(a)pyrene	25.11	252	1718840	41.06	ng		99
90) Dibenzo(a,h)anthracene	29.24	278	1853333	41.77	ng	#	97
91) Benzo(g,h,i)perylene	30.43	276	1801815	40.86	ng		98

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

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