Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022541.D
Acq On : 24 Jun 2016 15:48
Operator : UM/SJ
Sample : SSTDICC60
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC60

Quant Time: Jun 24 16:31:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 14:51:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	125284	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	506291	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	371912	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	901172	20.00	ng		0.00
75) Chrysene-d12	21.84	240	971786	20.00	ng		0.00
86) Perylene-d12	25.21	264	994821	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	585847	36.08	ng		0.00
7) Phenol-d6	7.31	99	856891	37.55	ng		0.00
23) Nitrobenzene-d5	9.34	82	966091	39.69	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	427463	35.69	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1821815	33.18	ng		0.00
78) Terphenyl-d14	20.15	244	2679727	31.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	110597	30.72	ng		94
3) Pyridine	4.00	79	378364	44.96	ng		96
4) n-Nitrosodimethylamine	3.91	42	196001	37.73	ng		93
6) Aniline	7.49	93	579552	39.70	ng		95
8) 2-Chlorophenol	7.73	128	309592	37.33	ng		98
9) Benzaldehyde	7.30	77	158873	32.88	ng		93
10) Phenol	7.33	94	458157	38.50	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	378657	38.25	ng		93
12) 1,3-Dichlorobenzene	8.06	146	361295	34.81	ng		96
13) 1,4-Dichlorobenzene	8.21	146	374161	36.42	ng		97
14) 1,2-Dichlorobenzene	8.52	146	348705	35.51	ng		98
15) Benzyl Alcohol	8.40	79	427361	43.60	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	417733	38.42	ng		97
17) 2-Methylphenol	8.60	107	289906	36.73	ng		99
18) Hexachloroethane	9.27	117	155094	36.98	ng		89
19) n-Nitroso-di-n-propylamine	8.98	70	361618	38.79	ng		98
20) 3+4-Methylphenols	8.92	107	412822	37.93	ng		94
22) Acetophenone	8.99	105	577093	38.62	ng	#	97
24) Nitrobenzene	9.38	77	518356	38.49	ng		97
25) Isophorone	9.91	82	942124	39.49	ng		98
26) 2-Nitrophenol	10.09	139	191393	41.09	ng		97
27) 2,4-Dimethylphenol	10.15	122	349191	36.94	ng		93
28) bis(2-Chloroethoxy)methane	10.39	93	500327	38.33	ng		98
29) 2,4-Dichlorophenol	10.63	162	358135	40.42	ng		99
30) 1,2,4-Trichlorobenzene	10.85	180	415400	38.43	ng		97
31) Naphthalene	11.05	128	989697	37.30	ng		98
32) Benzoic acid	10.26	122	238185	49.06	ng		94
33) 4-Chloroaniline	11.15	127	471846	44.91	ng		98
34) Hexachlorobutadiene	11.33	225	317003	37.99	ng		97
35) Caprolactam	11.93	113	113434	41.72	ng		96
36) 4-Chloro-3-methylphenol	12.25	107	436216	39.38	ng		99
37) 2-Methylnaphthalene	12.64	142	786654	38.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	506523	34.11	ng		98
40) Hexachlorocyclopentadiene	12.98	237	423849	37.21	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	336402	36.68	ng		95
43) 2,4,5-Trichlorophenol	13.30	196	350832	36.53	ng		95
45) 1,1'-Biphenyl	13.64	154	1059792	35.03	ng		98
46) 2-Chloronaphthalene	13.68	162	860905	34.92	ng		98
47) 2-Nitroaniline	13.88	65	347802	38.65	ng		97
48) Acenaphthylene	14.52	152	1264896	35.12	ng		99
49) Dimethylphthalate	14.25	163	1150990	34.75	ng		100
50) 2,6-Dinitrotoluene	14.37	165	262344	38.65	ng		90
51) Acenaphthene	14.86	154	945992	36.17	ng		98
52) 3-Nitroaniline	14.69	138	242732	39.12	ng		94
53) 2,4-Dinitrophenol	14.90	184	161282	41.38	ng		94
54) Dibenzofuran	15.20	168	1332826	34.14	ng		99
55) 4-Nitrophenol	14.99	139	206904	39.00	ng		97
56) 2,4-Dinitrotoluene	15.15	165	365655	39.82	ng		95
57) Fluorene	15.85	166	1088132	35.36	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.42	232	366216	36.93	ng		97
59) Diethylphthalate	15.61	149	1188503	34.94	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	643767	35.92	ng		96
61) 4-Nitroaniline	15.86	138	250487	38.08	ng		91
62) Azobenzene	16.13	77	1276290	34.50	ng		96
64) 4,6-Dinitro-2-methylphenol	15.91	198	234765	40.76	ng		97
65) n-Nitrosodiphenylamine	16.05	169	994128	36.40	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	433272	35.73	ng		94
67) Hexachlorobenzene	16.85	284	461914	35.85	ng		98
68) Atrazine	16.99	200	421952	37.33	ng		94
69) Pentachlorophenol	17.19	266	313384	36.73	ng		96
70) Phenanthrene	17.59	178	1733353	34.86	ng		98
71) Anthracene	17.68	178	1774698	34.32	ng		99
72) Carbazole	17.95	167	1555110	36.40	ng		99
73) Di-n-butylphthalate	18.50	149	1852006	34.22	ng		100
74) Fluoranthene	19.59	202	2102456	34.05	ng		100
76) Benzidine	19.78	184	471926	92.15	ng		96
77) Pyrene	19.96	202	2102257	34.97	ng		99
79) Butylbenzylphthalate	20.84	149	877778	38.07	ng		97
80) Benzo(a)anthracene	21.83	228	2139750	34.53	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	850414	37.20	ng		97
82) Chrysene	21.90	228	1999402	34.48	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	1211192	36.14	ng		98
84) Di-n-octyl phthalate	23.00	149	1994879	35.50	ng		99
85) Indeno(1,2,3-cd)pyrene	29.05	276	2480410	35.73	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2293365	36.12	ng		98
88) Benzo(k)fluoranthene	24.21	252	2187119	36.16	ng	#	98
89) Benzo(a)pyrene	25.05	252	2215185	35.76	ng		98
90) Dibenzo(a,h)anthracene	29.13	278	2079834	35.96	ng	#	96
91) Benzo(g,h,i)perylene	30.26	276	2080999	35.26	ng	#	96

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

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