Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021674.D
Acq On : 15 Apr 2016 5:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
4/15/2016 4:44:50 PM

Quant Time: Apr 15 05:52:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	31766	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	153025	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	98420	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	228872	20.00	ng		0.00
75) Chrysene-d12	21.83	240	256199	20.00	ng		0.00
86) Perylene-d12	25.16	264	251941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	159570	83.65	ng		0.00
7) Phenol-d6	7.37	99	242248	85.02	ng		0.01
23) Nitrobenzene-d5	9.38	82	237920	79.91	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	91352	86.12	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	524852	78.13	ng		0.00
78) Terphenyl-d14	20.14	244	824881	80.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	32896	38.74	ng		88
3) Pyridine	4.04	79	98834	38.79	ng	#	88
4) n-Nitrosodimethylamine	3.96	42	45945	36.38	ng	#	81
6) Aniline	7.54	93	149412	39.65	ng		97
8) 2-Chlorophenol	7.78	128	96371	42.14	ng		94
9) Benzaldehyde	7.35	77	62077	37.68	ng		95
10) Phenol	7.39	94	131789	43.00	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	95908	39.10	ng		96
12) 1,3-Dichlorobenzene	8.10	146	101783	39.85	ng		94
13) 1,4-Dichlorobenzene	8.25	146	104435	40.17	ng		94
14) 1,2-Dichlorobenzene	8.57	146	99652	39.95	ng		98
15) Benzyl Alcohol	8.45	79	90493	41.56	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.74	45	198624	37.80	ng		96
17) 2-Methylphenol	8.66	107	87495	41.29	ng		95
18) Hexachloroethane	9.31	117	38193	40.36	ng	#	75
19) n-Nitroso-di-n-propylamine	9.03	70	85501	38.62	ng		93
20) 3+4-Methylphenols	8.98	107	126273	43.55	ng		97
22) Acetophenone	9.04	105	162905	38.22	ng	#	96
24) Nitrobenzene	9.43	77	127670	40.05	ng		94
25) Isophorone	9.95	82	240364	36.89	ng		98
26) 2-Nitrophenol	10.14	139	56987	46.83	ng	#	93
27) 2,4-Dimethylphenol	10.19	122	102056	36.92	ng		98
28) bis(2-Chloroethoxy)methane	10.42	93	131292	37.92	ng		93
29) 2,4-Dichlorophenol	10.67	162	100345	42.57	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	100474	39.64	ng		96
31) Naphthalene	11.08	128	318623	38.91	ng	#	95
32) Benzoic acid	10.32	122	76808m	48.41	ng		
33) 4-Chloroaniline	11.19	127	141053	39.79	ng		98
34) Hexachlorobutadiene	11.36	225	66773	40.85	ng		92
35) Caprolactam	11.97	113	40092	37.17	ng		94
36) 4-Chloro-3-methylphenol	12.29	107	122702	41.40	ng		97
37) 2-Methylnaphthalene	12.67	142	225639	40.14	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	122799	39.92	ng		99
40) Hexachlorocyclopentadiene	13.01	237	69092	40.44	ng		99

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	83934	42.79	ng		97
43) 2,4,5-Trichlorophenol	13.34	196	89631	42.35	ng		98
45) 1,1'-Biphenyl	13.66	154	320928	38.70	ng		96
46) 2-Chloronaphthalene	13.71	162	239530	39.07	ng		99
47) 2-Nitroaniline	13.91	65	88962	42.32	ng		98
48) Acenaphthylene	14.55	152	401032	39.57	ng		97
49) Dimethylphthalate	14.27	163	320456	37.66	ng		99
50) 2,6-Dinitrotoluene	14.40	165	71041	43.78	ng		93
51) Acenaphthene	14.89	154	260921	40.27	ng		97
52) 3-Nitroaniline	14.73	138	75714	42.08	ng		95
53) 2,4-Dinitrophenol	14.92	184	24226	42.65	ng		95
54) Dibenzofuran	15.22	168	351959	39.78	ng		99
55) 4-Nitrophenol	15.02	139	65868	42.75	ng		99
56) 2,4-Dinitrotoluene	15.17	165	98670	44.99	ng		99
57) Fluorene	15.87	166	310264	39.27	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	76833	43.75	ng		99
59) Diethylphthalate	15.62	149	335213	37.74	ng		95
60) 4-Chlorophenyl-phenylether	15.85	204	154734	39.75	ng		96
61) 4-Nitroaniline	15.88	138	82265	41.55	ng		96
62) Azobenzene	16.14	77	299541	39.35	ng		99
64) 4,6-Dinitro-2-methylphenol	15.93	198	41789	44.31	ng		98
65) n-Nitrosodiphenylamine	16.06	169	274675	40.01	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	100891	41.15	ng		97
67) Hexachlorobenzene	16.86	284	103413	39.95	ng		94
68) Atrazine	17.01	200	104783	38.66	ng		99
69) Pentachlorophenol	17.20	266	58559	39.62	ng		94
70) Phenanthrene	17.60	178	496164	39.33	ng		99
71) Anthracene	17.69	178	505096	39.44	ng		97
72) Carbazole	17.96	167	456030	38.16	ng		99
73) Di-n-butylphthalate	18.50	149	586728	38.59	ng		99
74) Fluoranthene	19.60	202	585389	38.86	ng		100
76) Benzidine	19.77	184	267300	33.51	ng		99
77) Pyrene	19.95	202	586538	39.70	ng		99
79) Butylbenzylphthalate	20.82	149	276749	40.36	ng		98
80) Benzo(a)anthracene	21.81	228	588744	39.93	ng		97
81) 3,3'-Dichlorobenzidine	21.72	252	455625	39.04	ng		98
82) Chrysene	21.88	228	558276	39.41	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	402895	40.17	ng		99
84) Di-n-octyl phthalate	22.95	149	688765	40.99	ng		99
85) Indeno(1,2,3-cd)pyrene	28.97	276	679886	40.37	ng	#	93
87) Benzo(b)fluoranthene	24.10	252	575442	39.36	ng		98
88) Benzo(k)fluoranthene	24.17	252	575223	40.24	ng		98
89) Benzo(a)pyrene	25.00	252	562905	39.74	ng		98
90) Dibenzo(a,h)anthracene	29.04	278	572607	40.32	ng		100
91) Benzo(g,h,i)perylene	30.17	276	550211	39.48	ng		96

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

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