Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
Data File : BG023845.D
Acq On : 22 Aug 2016 22:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
8/23/2016 6:22:41 PM

Quant Time: Aug 23 01:18:46 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	99563	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	404382	20.00	ng		-0.03
38) Acenaphthene-d10	14.77	164	260981	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	624038	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	724275	20.00	ng		-0.02
86) Perylene-d12	25.22	264	734167	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	460633	77.88	ng		-0.03
7) Phenol-d6	7.25	99	659997	71.64	ng		-0.03
23) Nitrobenzene-d5	9.27	82	689961	84.82	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	274118	71.81	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1332922	86.14	ng		-0.02
78) Terphenyl-d14	20.14	244	2009525	87.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	101103	40.12	ng	#	93
3) Pyridine	3.91	79	308586	37.26	ng		91
4) n-Nitrosodimethylamine	3.82	42	134643	43.85	ng	#	78
6) Aniline	7.41	93	428859	32.22	ng		97
8) 2-Chlorophenol	7.65	128	253800	37.35	ng		96
9) Benzaldehyde	7.22	77	244006	49.60	ng		93
10) Phenol	7.28	94	353694	35.89	ng		85
11) bis(2-Chloroethyl)ether	7.50	93	284169	36.15	ng		89
12) 1,3-Dichlorobenzene	7.98	146	302922	38.94	ng		96
13) 1,4-Dichlorobenzene	8.13	146	308015	38.68	ng		95
14) 1,2-Dichlorobenzene	8.45	146	286986	36.73	ng		95
15) Benzyl Alcohol	8.34	79	273579	39.19	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	419930	36.32	ng		89
17) 2-Methylphenol	8.54	107	235698	35.67	ng	#	87
18) Hexachloroethane	9.18	117	119750	39.95	ng		93
19) n-Nitroso-di-n-propylamine	8.90	70	267492	33.76	ng		97
20) 3+4-Methylphenols	8.87	107	325256	34.92	ng		90
22) Acetophenone	8.92	105	425770	38.45	ng	#	96
24) Nitrobenzene	9.32	77	401763	44.60	ng		93
25) Isophorone	9.83	82	688965	40.66	ng	#	96
26) 2-Nitrophenol	10.03	139	163364	42.97	ng	#	83
27) 2,4-Dimethylphenol	10.09	122	255156	39.42	ng		93
28) bis(2-Chloroethoxy)methane	10.32	93	371515	36.48	ng		96
29) 2,4-Dichlorophenol	10.58	162	265964	40.86	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	291459	41.52	ng		96
31) Naphthalene	10.98	128	824119	40.02	ng		97
32) Benzoic acid	10.24	122	157080	29.26	ng		93
33) 4-Chloroaniline	11.09	127	345049	35.05	ng		94
34) Hexachlorobutadiene	11.25	225	203825	44.15	ng		95
35) Caprolactam	11.87	113	93022	33.97	ng		92
36) 4-Chloro-3-methylphenol	12.22	107	321815	37.63	ng		97
37) 2-Methylnaphthalene	12.58	142	589917	37.68	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	406164	42.92	ng		98
40) Hexachlorocyclopentadiene	12.92	237	105145	22.03	ng		98

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Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	231231	41.02	ng		95
43) 2,4,5-Trichlorophenol	13.28	196	233154	40.17	ng		94
45) 1,1'-Biphenyl	13.59	154	813673	40.78	ng		98
46) 2-Chloronaphthalene	13.64	162	623563	40.40	ng		98
47) 2-Nitroaniline	13.85	65	253116	39.50	ng		91
48) Acenaphthylene	14.49	152	990338	40.59	ng		99
49) Dimethylphthalate	14.21	163	844630	42.18	ng		98
50) 2,6-Dinitrotoluene	14.34	165	188061	39.66	ng		86
51) Acenaphthene	14.83	154	627470	40.60	ng		97
52) 3-Nitroaniline	14.68	138	183807	34.38	ng		83
53) 2,4-Dinitrophenol	14.90	184	48955	16.11	ng	#	87
54) Dibenzofuran	15.17	168	909093	40.51	ng		92
55) 4-Nitrophenol	15.00	139	142290	33.88	ng	#	86
56) 2,4-Dinitrotoluene	15.14	165	273007	41.02	ng		98
57) Fluorene	15.81	166	791493	40.42	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	210141m	39.46	ng		
59) Diethylphthalate	15.57	149	858463	42.23	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	409722	39.54	ng		97
61) 4-Nitroaniline	15.85	138	212223	37.28	ng	#	68
62) Azobenzene	16.10	77	849034	41.21	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	123360	29.07	ng		96
65) n-Nitrosodiphenylamine	16.02	169	714759	39.05	ng		95
66) 4-Bromophenyl-phenylether	16.70	248	287817	39.57	ng		98
67) Hexachlorobenzene	16.83	284	308899	38.82	ng		96
68) Atrazine	16.97	200	291569	41.48	ng		98
69) Pentachlorophenol	17.18	266	137969	29.74	ng		96
70) Phenanthrene	17.57	178	1294759	40.89	ng		99
71) Anthracene	17.66	178	1339276	42.05	ng		97
72) Carbazole	17.94	167	1222007	43.70	ng		99
73) Di-n-butylphthalate	18.47	149	1479748	53.65	ng		97
74) Fluoranthene	19.58	202	1592604	55.49	ng		95
76) Benzidine	19.76	184	852278	42.33	ng		100
77) Pyrene	19.95	202	1622275	38.23	ng		97
79) Butylbenzylphthalate	20.82	149	729190	41.81	ng		97
80) Benzo(a)anthracene	21.82	228	1609436	40.26	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	609551	37.17	ng	#	96
82) Chrysene	21.89	228	1516114	39.86	ng		99
83) Bis(2-ethylhexyl)phthalate	21.69	149	1034147	43.30	ng	#	98
84) Di-n-octyl phthalate	22.96	149	1744976	42.81	ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	1889437	39.75	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1636255	39.61	ng	#	97
88) Benzo(k)fluoranthene	24.21	252	1584433	39.94	ng	#	97
89) Benzo(a)pyrene	25.06	252	1594077	40.58	ng	#	95
90) Dibenzo(a,h)anthracene	29.15	278	1615957	40.27	ng	#	92
91) Benzo(g,h,i)perylene	30.31	276	1549719	38.35	ng	#	93

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

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