Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024723.D
Acq On : 7 Nov 2016 10:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/8/2016 4:29:20 PM

Quant Time: Nov 07 15:12:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	102210	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	405979	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	323023	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	744946	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1006470	20.00	ng		-0.02
86) Perylene-d12	25.34	264	1099573	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	511506	82.02	ng		0.00
7) Phenol-d6	7.40	99	715988	83.70	ng		0.00
23) Nitrobenzene-d5	9.44	82	754141	84.58	ng		-0.02
41) 2,4,6-Tribromophenol	16.36	330	432668	89.66	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	1664003	85.62	ng		-0.02
78) Terphenyl-d14	20.20	244	2816877	83.63	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	110995	43.57	ng		90
3) Pyridine	4.07	79	316750	41.52	ng		95
4) n-Nitrosodimethylamine	3.98	42	162515	41.15	ng	#	96
6) Aniline	7.58	93	437179	40.34	ng	#	93
8) 2-Chlorophenol	7.82	128	265097	41.81	ng		93
9) Benzaldehyde	7.40	77	212805	40.26	ng		92
10) Phenol	7.43	94	364362	41.32	ng		97
11) bis(2-Chloroethyl)ether	7.67	93	267298	40.35	ng		89
12) 1,3-Dichlorobenzene	8.15	146	325001	41.41	ng		99
13) 1,4-Dichlorobenzene	8.30	146	324351	41.84	ng		98
14) 1,2-Dichlorobenzene	8.62	146	305441	40.98	ng		93
15) Benzyl Alcohol	8.50	79	334719	42.06	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.78	45	476563	38.77	ng		95
17) 2-Methylphenol	8.69	107	248922	42.60	ng		96
18) Hexachloroethane	9.35	117	123863	41.56	ng		95
19) n-Nitroso-di-n-propylamine	9.06	70	268009	42.51	ng		89
20) 3+4-Methylphenols	9.02	107	340938	43.46	ng		91
22) Acetophenone	9.09	105	451235	43.27	ng	#	91
24) Nitrobenzene	9.48	77	403556	40.68	ng		98
25) Isophorone	9.99	82	709634	42.78	ng		98
26) 2-Nitrophenol	10.19	139	153230	41.62	ng		96
27) 2,4-Dimethylphenol	10.23	122	285079	44.23	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	366197	42.67	ng		98
29) 2,4-Dichlorophenol	10.72	162	297470	43.97	ng		96
30) 1,2,4-Trichlorobenzene	10.95	180	353076	44.00	ng		97
31) Naphthalene	11.14	128	859460	42.44	ng		98
32) Benzoic acid	10.37	122	194247	36.19	ng		97
33) 4-Chloroaniline	11.25	127	376931	42.87	ng		96
34) Hexachlorobutadiene	11.40	225	273773	43.59	ng		98
35) Caprolactam	12.02	113	105930	42.77	ng	#	75
36) 4-Chloro-3-methylphenol	12.34	107	361951	44.32	ng		96
37) 2-Methylnaphthalene	12.73	142	654018	44.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	476299	43.72	ng		95
40) Hexachlorocyclopentadiene	13.05	237	270548	44.10	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	286384	43.73	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	289990	40.96	ng		95
45) 1,1'-Biphenyl	13.72	154	957369	42.71	ng		97
46) 2-Chloronaphthalene	13.77	162	701054	41.07	ng		100
47) 2-Nitroaniline	13.97	65	290209	41.52	ng		97
48) Acenaphthylene	14.61	152	1110966	42.44	ng		98
49) Dimethylphthalate	14.32	163	985954	42.99	ng		99
50) 2,6-Dinitrotoluene	14.45	165	209736	42.84	ng		93
51) Acenaphthene	14.95	154	729264	37.37	ng		98
52) 3-Nitroaniline	14.79	138	208541	41.17	ng		96
53) 2,4-Dinitrophenol	14.99	184	176169	49.66	ng		99
54) Dibenzofuran	15.28	168	1158742	42.95	ng		98
55) 4-Nitrophenol	15.08	139	168643	38.21	ng		93
56) 2,4-Dinitrotoluene	15.23	165	309663	43.53	ng	#	95
57) Fluorene	15.92	166	952979	42.60	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	308329	42.00	ng		95
59) Diethylphthalate	15.67	149	1009139	41.97	ng		97
60) 4-Chlorophenyl-phenylether	15.90	204	534799	42.60	ng		97
61) 4-Nitroaniline	15.95	138	231350	41.80	ng		86
62) Azobenzene	16.20	77	966191	40.29	ng		95
64) 4,6-Dinitro-2-methylphenol	15.99	198	210676	41.05	ng		92
65) n-Nitrosodiphenylamine	16.12	169	835131	41.01	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	391952	43.34	ng		93
67) Hexachlorobenzene	16.92	284	440189	44.05	ng	#	87
68) Atrazine	17.06	200	352055	40.30	ng		94
69) Pentachlorophenol	17.26	266	262140	39.76	ng		95
70) Phenanthrene	17.67	178	1577112	41.54	ng		97
71) Anthracene	17.76	178	1625137	42.42	ng		99
72) Carbazole	18.03	167	1433242	41.02	ng		99
73) Di-n-butylphthalate	18.55	149	1685786	41.85	ng		97
74) Fluoranthene	19.66	202	2072741	43.18	ng		95
76) Benzidine	19.83	184	917277	38.68	ng		99
77) Pyrene	20.02	202	2106434	42.81	ng		99
79) Butylbenzylphthalate	20.88	149	847209	41.30	ng		98
80) Benzo(a)anthracene	21.90	228	2316903	41.90	ng		98
81) 3,3'-Dichlorobenzidine	21.80	252	911932	40.88	ng		97
82) Chrysene	21.97	228	2201342	41.80	ng		98
83) Bis(2-ethylhexyl)phthalate	21.75	149	1196736	40.79	ng		96
84) Di-n-octyl phthalate	23.03	149	2003271	41.14	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.28	276	2985243	41.07	ng	#	99
87) Benzo(b)fluoranthene	24.25	252	2450729m	41.23	ng		
88) Benzo(k)fluoranthene	24.32	252	2336303m	40.70	ng		
89) Benzo(a)pyrene	25.19	252	2402505	41.37	ng		98
90) Dibenzo(a,h)anthracene	29.35	278	2576280	40.42	ng	#	95
91) Benzo(g,h,i)perylene	30.53	276	2551305	40.06	ng		97

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

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