Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022415.D
Acq On : 18 Jun 2016 9:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/20/2016 6:52:57 PM

Quant Time: Jun 20 11:50:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43218	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	219078	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	123642	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	244613	20.00	ng		-0.04
75) Chrysene-d12	21.70	240	213831	20.00	ng		-0.04
86) Perylene-d12	24.94	264	192200	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	197118	88.19	ng		-0.03
7) Phenol-d6	7.23	99	299396	85.19	ng		-0.02
23) Nitrobenzene-d5	9.22	82	287517	91.50	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	88416	63.29	ng		-0.04
44) 2-Fluorobiphenyl	13.31	172	690096	85.06	ng		-0.04
78) Terphenyl-d14	20.02	244	738722	82.02	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	43564	40.65	ng	#	79
3) Pyridine	3.82	79	122980	42.46	ng		93
4) n-Nitrosodimethylamine	3.75	42	33091	51.10	ng	#	90
6) Aniline	7.37	93	192380	43.09	ng	#	84
8) 2-Chlorophenol	7.61	128	124786	40.39	ng		83
9) Benzaldehyde	7.18	77	80114	41.41	ng		81
10) Phenol	7.26	94	153588	42.39	ng		85
11) bis(2-Chloroethyl)ether	7.46	93	129219	44.73	ng	#	75
12) 1,3-Dichlorobenzene	7.93	146	131743	39.78	ng	#	89
13) 1,4-Dichlorobenzene	8.08	146	132400	40.13	ng		95
14) 1,2-Dichlorobenzene	8.40	146	131006	39.39	ng		97
15) Benzyl Alcohol	8.30	79	98952	43.58	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	144383	48.17	ng		85
17) 2-Methylphenol	8.51	107	114248	42.25	ng	#	87
18) Hexachloroethane	9.12	117	51237	42.53	ng	#	85
19) n-Nitroso-di-n-propylamine	8.85	70	104742	44.03	ng	#	71
20) 3+4-Methylphenols	8.85	107	156147	40.26	ng		95
22) Acetophenone	8.88	105	204167	43.25	ng	#	83
24) Nitrobenzene	9.27	77	142061	44.96	ng	#	88
25) Isophorone	9.78	82	300777	40.91	ng		96
26) 2-Nitrophenol	9.98	139	75456	44.04	ng	#	80
27) 2,4-Dimethylphenol	10.05	122	131417	42.37	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	181981	43.21	ng		95
29) 2,4-Dichlorophenol	10.53	162	119659	41.65	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	128876	40.14	ng		95
31) Naphthalene	10.92	128	438714	40.12	ng	#	95
32) Benzoic acid	10.24	122	57946	52.14	ng	#	87
33) 4-Chloroaniline	11.03	127	180034	39.59	ng	#	92
34) Hexachlorobutadiene	11.19	225	67832	39.36	ng		95
35) Caprolactam	11.83	113	48132	30.54	ng	#	54
36) 4-Chloro-3-methylphenol	12.17	107	138269	40.60	ng		88
37) 2-Methylnaphthalene	12.51	142	315268	39.05	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	133456	41.93	ng		98
40) Hexachlorocyclopentadiene	12.86	237	69253	45.08	ng		96

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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	13.13	196	87397	40.93	ng		92
43) 2,4,5-Trichlorophenol	13.22	196	91261	38.69	ng		97
45) 1,1'-Biphenyl	13.52	154	404584	43.48	ng		95
46) 2-Chloronaphthalene	13.57	162	307144	43.06	ng		97
47) 2-Nitroaniline	13.78	65	76880	45.20	ng	#	58
48) Acenaphthylene	14.41	152	502450	40.15	ng		97
49) Dimethylphthalate	14.14	163	376902	36.77	ng		99
50) 2,6-Dinitrotoluene	14.27	165	85999	38.59	ng	#	81
51) Acenaphthene	14.75	154	298715	39.84	ng		95
52) 3-Nitroaniline	14.61	138	86363	34.94	ng		89
53) 2,4-Dinitrophenol	14.82	184	44463	53.11	ng	#	83
54) Dibenzofuran	15.08	168	453791	38.78	ng		100
55) 4-Nitrophenol	14.96	139	72701	42.62	ng	#	78
56) 2,4-Dinitrotoluene	15.06	165	114102	38.17	ng	#	88
57) Fluorene	15.73	166	381144	37.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	73248	34.62	ng		93
59) Diethylphthalate	15.49	149	388680	35.49	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	173252	37.95	ng		96
61) 4-Nitroaniline	15.78	138	81508m	31.09	ng		
62) Azobenzene	16.01	77	345917	41.71	ng		89
64) 4,6-Dinitro-2-methylphenol	15.83	198	50989	41.90	ng		82
65) n-Nitrosodiphenylamine	15.93	169	310435	44.05	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	96303	42.02	ng		97
67) Hexachlorobenzene	16.73	284	102778	38.47	ng		97
68) Atrazine	16.88	200	94678	36.30	ng		97
69) Pentachlorophenol	17.09	266	46493	41.91	ng		97
70) Phenanthrene	17.47	178	529627	39.86	ng		98
71) Anthracene	17.56	178	532862	40.44	ng		96
72) Carbazole	17.84	167	465744	37.32	ng		97
73) Di-n-butylphthalate	18.37	149	633710	38.84	ng		98
74) Fluoranthene	19.48	202	560553	36.70	ng		95
76) Benzidine	19.66	184	217351	38.87	ng		97
77) Pyrene	19.84	202	558704	42.03	ng		99
79) Butylbenzylphthalate	20.70	149	290820	47.17	ng		93
80) Benzo(a)anthracene	21.67	228	490526	40.91	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	136899	40.67	ng	#	96
82) Chrysene	21.74	228	470962	40.36	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	421613	46.50	ng		96
84) Di-n-octyl phthalate	22.76	149	697673	46.35	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.66	276	512496	39.15	ng	#	84
87) Benzo(b)fluoranthene	23.90	252	476274	42.49	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	462503	41.91	ng	#	96
89) Benzo(a)pyrene	24.79	252	453763	42.34	ng	#	95
90) Dibenzo(a,h)anthracene	28.70	278	412576	40.87	ng	#	94
91) Benzo(g,h,i)perylene	29.83	276	422094	40.19	ng	#	91

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

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