Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015933.D
Acq On : 27 Jan 2015 5:42
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
1/28/2015 5:43:49 PM

Quant Time: Jan 27 06:58:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 17:47:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	79687	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	330939	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	303143	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	765089	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1101283	20.00	ng		0.00
86) Perylene-d12	23.52	264	1078066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	381569	71.31	ng		0.00
7) Phenol-d6	6.87	99	646530	74.97	ng		0.00
23) Nitrobenzene-d5	8.85	82	840442	73.21	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	437010	78.75	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1501293	77.70	ng		0.00
78) Terphenyl-d14	19.72	244	3180934	80.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	101984	37.01	ng		95
3) Pyridine	3.59	79	338621	36.44	ng	#	90
4) n-Nitrosodimethylamine	3.50	42	119492	33.29	ng		92
6) Aniline	7.02	93	460820	37.11	ng		92
8) 2-Chlorophenol	7.25	128	182843	35.61	ng		94
9) Benzaldehyde	6.83	77	271428	34.54	ng		95
10) Phenol	6.90	94	374998	38.16	ng		96
11) bis(2-Chloroethyl)ether	7.12	93	260692	34.33	ng		99
12) 1,3-Dichlorobenzene	7.58	146	215614	35.48	ng		99
13) 1,4-Dichlorobenzene	7.72	146	233751	37.26	ng		89
14) 1,2-Dichlorobenzene	8.04	146	215934	35.12	ng		90
15) Benzyl Alcohol	7.93	79	350532	37.15	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.22	45	206383	33.62	ng		93
17) 2-Methylphenol	8.13	107	224272	36.83	ng		89
18) Hexachloroethane	8.76	117	108649	33.68	ng		99
19) n-Nitroso-di-n-propylamine	8.49	70	292241	33.97	ng		93
20) 3+4-Methylphenols	8.46	107	316456	39.65	ng		90
22) Acetophenone	8.51	105	431600	38.92	ng	#	95
24) Nitrobenzene	8.89	77	439111	36.36	ng		96
25) Isophorone	9.40	82	773057	38.09	ng		97
26) 2-Nitrophenol	9.59	139	123356	41.25	ng		85
27) 2,4-Dimethylphenol	9.66	122	218957	38.27	ng		93
28) bis(2-Chloroethoxy)methane	9.89	93	361005	36.74	ng	#	96
29) 2,4-Dichlorophenol	10.13	162	249997	41.84	ng		97
30) 1,2,4-Trichlorobenzene	10.34	180	284469	39.26	ng		93
31) Naphthalene	10.52	128	657201	38.80	ng		96
32) Benzoic acid	9.80	122	58467m	37.99	ng		
33) 4-Chloroaniline	10.64	127	309021	39.14	ng		93
34) Hexachlorobutadiene	10.80	225	275318	38.84	ng		93
35) Caprolactam	11.41	113	118062	40.20	ng		96
36) 4-Chloro-3-methylphenol	11.77	107	367034	41.76	ng		98
37) 2-Methylnaphthalene	12.14	142	520965	38.73	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	457672	39.59	ng		98
40) Hexachlorocyclopentadiene	12.49	237	291881	33.51	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	279779	41.31	ng		94
43) 2,4,5-Trichlorophenol	12.84	196	294905	38.52	ng	#	95
45) 1,1'-Biphenyl	13.16	154	737658	38.55	ng		98
46) 2-Chloronaphthalene	13.20	162	616377	38.15	ng		94
47) 2-Nitroaniline	13.41	65	288979	35.06	ng		94
48) Acenaphthylene	14.05	152	940131	38.32	ng		97
49) Dimethylphthalate	13.79	163	833025	38.19	ng		97
50) 2,6-Dinitrotoluene	13.92	165	193352	39.26	ng		97
51) Acenaphthene	14.40	154	585404	37.98	ng		96
52) 3-Nitroaniline	14.25	138	175487	37.88	ng	#	89
53) 2,4-Dinitrophenol	14.46	184	84556	32.25	ng		95
54) Dibenzofuran	14.73	168	1001054	39.36	ng		95
55) 4-Nitrophenol	14.57	139	113739	35.68	ng	#	81
56) 2,4-Dinitrotoluene	14.71	165	277064	38.45	ng		84
57) Fluorene	15.38	166	899148	39.19	ng		91
58) 2,3,4,6-Tetrachlorophenol	14.96	232	320048	37.76	ng	#	98
59) Diethylphthalate	15.16	149	866732	38.91	ng		99
60) 4-Chlorophenyl-phenylether	15.38	204	586683	38.45	ng		98
61) 4-Nitroaniline	15.41	138	185377	37.72	ng	#	81
62) Azobenzene	15.67	77	1327322	36.81	ng		95
64) 4,6-Dinitro-2-methylphenol	15.47	198	188383	34.12	ng		92
65) n-Nitrosodiphenylamine	15.60	169	857261	39.27	ng		96
66) 4-Bromophenyl-phenylether	16.27	248	450009	40.28	ng		97
67) Hexachlorobenzene	16.39	284	491903	40.73	ng	#	84
68) Atrazine	16.55	200	403981	38.45	ng		95
69) Pentachlorophenol	16.74	266	205613	38.98	ng		95
70) Phenanthrene	17.12	178	1478972	38.53	ng		99
71) Anthracene	17.21	178	1508627	40.05	ng		98
72) Carbazole	17.49	167	1277937	38.49	ng		97
73) Di-n-butylphthalate	18.05	149	1497492	39.18	ng		98
74) Fluoranthene	19.15	202	2000807	39.03	ng		97
76) Benzidine	19.33	184	919411	34.46	ng		98
77) Pyrene	19.51	202	2067347	39.50	ng		98
79) Butylbenzylphthalate	20.41	149	719434	37.49	ng		99
80) Benzo(a)anthracene	21.25	228	2269661	39.37	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	955153	38.81	ng		97
82) Chrysene	21.31	228	2136250	38.95	ng		98
83) Bis(2-ethylhexyl)phthalate	21.18	149	999842	38.75	ng		97
84) Di-n-octyl phthalate	22.06	149	1610911	40.36	ng	#	97
85) Indeno(1,2,3-cd)pyrene	25.82	276	2558901	39.63	ng		99
87) Benzo(b)fluoranthene	22.85	252	2377713	38.64	ng		99
88) Benzo(k)fluoranthene	22.89	252	2341319	39.31	ng		97
89) Benzo(a)pyrene	23.43	252	2309476	39.01	ng		99
90) Dibenzo(a,h)anthracene	25.83	278	2211667	39.35	ng		97
91) Benzo(g,h,i)perylene	26.53	276	2116536	38.60	ng		96

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

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