Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
Data File : BG020035.D
Acq On : 9 Dec 2015 9:24
Operator : UM/SJ
Sample : PB87048BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87048BSD

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:14:19 PM

Quant Time: Dec 09 14:34:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16837	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	75380	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	54472	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	135411	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	169366	20.00	ng		-0.03
86) Perylene-d12	25.03	264	158369	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	89163	95.71	ng		-0.01
7) Phenol-d6	7.26	99	132329	94.08	ng		-0.01
23) Nitrobenzene-d5	9.28	82	125767	85.15	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	70267	84.31	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	321206	80.51	ng		-0.02
78) Terphenyl-d14	20.08	244	592508	85.33	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	11500	31.69	ng	#	100
3) Pyridine	3.92	79	38333	34.78	ng		91
4) n-Nitrosodimethylamine	3.84	42	20765	35.82	ng		94
6) Aniline	7.43	93	42731	23.46	ng	#	85
8) 2-Chlorophenol	7.67	128	50562	44.51	ng		96
9) Benzaldehyde	7.25	77	9948	10.61	ng		84
10) Phenol	7.29	94	69675	47.07	ng		76
11) bis(2-Chloroethyl)ether	7.52	93	45151	41.18	ng		90
12) 1,3-Dichlorobenzene	8.00	146	50681	39.36	ng	#	92
13) 1,4-Dichlorobenzene	8.14	146	51914	39.04	ng		96
14) 1,2-Dichlorobenzene	8.47	146	51151	40.33	ng	#	92
15) Benzyl Alcohol	8.34	79	53241	43.14	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	66417	37.14	ng		93
17) 2-Methylphenol	8.55	107	47244	45.21	ng	#	92
18) Hexachloroethane	9.20	117	19069	38.30	ng		87
19) n-Nitroso-di-n-propylamine	8.91	70	42847	38.63	ng		94
20) 3+4-Methylphenols	8.88	107	66441	45.15	ng		93
22) Acetophenone	8.93	105	76813	37.17	ng	#	94
24) Nitrobenzene	9.32	77	65901	41.13	ng		90
25) Isophorone	9.84	82	115933	36.61	ng	#	96
26) 2-Nitrophenol	10.04	139	29004	46.87	ng	#	74
27) 2,4-Dimethylphenol	10.09	122	54315	42.15	ng		91
28) bis(2-Chloroethoxy)methane	10.32	93	65936	42.61	ng		98
29) 2,4-Dichlorophenol	10.57	162	61686	46.86	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	58705	39.46	ng		98
31) Naphthalene	10.98	128	163202	40.41	ng		98
32) Benzoic acid	10.21	122	39163	45.46	ng		90
33) 4-Chloroaniline	11.08	127	29308	16.47	ng	#	90
34) Hexachlorobutadiene	11.26	225	41678	37.98	ng		98
35) Caprolactam	11.86	113	21280m	43.43	ng		
36) 4-Chloro-3-methylphenol	12.19	107	70372	42.93	ng		94
37) 2-Methylnaphthalene	12.57	142	127369	43.04	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	82107	39.72	ng		100
40) Hexachlorocyclopentadiene	12.92	237	78709	66.78	ng		97

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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	13.17	196	56954	41.62	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	64173	44.37	ng		97
45) 1,1'-Biphenyl	13.58	154	170398	38.12	ng		99
46) 2-Chloronaphthalene	13.62	162	137835	40.00	ng		95
47) 2-Nitroaniline	13.82	65	49185	45.19	ng		88
48) Acenaphthylene	14.47	152	230812	39.33	ng		99
49) Dimethylphthalate	14.19	163	189507	38.67	ng	#	97
50) 2,6-Dinitrotoluene	14.31	165	42330	45.95	ng	#	81
51) Acenaphthene	14.81	154	139352	39.13	ng		99
52) 3-Nitroaniline	14.64	138	29024	30.32	ng		98
53) 2,4-Dinitrophenol	14.84	184	38316	78.37	ng		89
54) Dibenzofuran	15.14	168	232027	43.79	ng		93
55) 4-Nitrophenol	14.94	139	69087	82.88	ng	#	69
56) 2,4-Dinitrotoluene	15.09	165	59485	46.28	ng	#	95
57) Fluorene	15.78	166	187249	39.49	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	61464	45.91	ng		98
59) Diethylphthalate	15.55	149	197153	37.18	ng		97
60) 4-Chlorophenyl-phenylether	15.77	204	105501	38.75	ng		97
61) 4-Nitroaniline	15.80	138	45171	41.96	ng	#	73
62) Azobenzene	16.06	77	185183	41.97	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	33127	44.11	ng		91
65) n-Nitrosodiphenylamine	15.99	169	170957	43.63	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	70109	41.67	ng		98
67) Hexachlorobenzene	16.79	284	76651	43.73	ng		96
68) Atrazine	16.93	200	63462	37.28	ng		94
69) Pentachlorophenol	17.13	266	95247	93.10	ng		96
70) Phenanthrene	17.53	178	322255	42.06	ng		96
71) Anthracene	17.62	178	330568	42.36	ng		97
72) Carbazole	17.88	167	289549	42.12	ng		97
73) Di-n-butylphthalate	18.43	149	343423	40.76	ng		98
74) Fluoranthene	19.52	202	413597	42.21	ng		95
76) Benzidine	19.70	184	116152	20.88	ng		97
77) Pyrene	19.89	202	429255	43.08	ng		96
79) Butylbenzylphthalate	20.76	149	163377	41.83	ng		99
80) Benzo(a)anthracene	21.73	228	441244	42.56	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	117286	29.71	ng	#	97
82) Chrysene	21.80	228	396976	40.33	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	236613	41.28	ng		96
84) Di-n-octyl phthalate	22.87	149	404809	43.44	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	472289	43.56	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	423980	42.24	ng	#	95
88) Benzo(k)fluoranthene	24.06	252	407860	41.03	ng	#	95
89) Benzo(a)pyrene	24.88	252	409844	43.01	ng	#	94
90) Dibenzo(a,h)anthracene	28.86	278	394907	41.95	ng	#	92
91) Benzo(g,h,i)perylene	29.95	276	383805	41.52	ng	#	90

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

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