Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
Data File : BG020037.D
Acq On : 9 Dec 2015 10:41
Operator : UM/SJ
Sample : PB87054BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:14:23 PM

Quant Time: Dec 09 14:41:39 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	18047	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	77987	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	57976	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	143125	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	169839	20.00	ng		-0.04
86) Perylene-d12	25.03	264	158056	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	94867	95.01	ng		-0.01
7) Phenol-d6	7.26	99	140205	93.00	ng		-0.01
23) Nitrobenzene-d5	9.28	82	132962	87.01	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	74378	83.85	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	333366	78.51	ng		-0.02
78) Terphenyl-d14	20.08	244	592295	85.06	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	12842	33.01	ng	#	100
3) Pyridine	3.92	79	40825	34.56	ng	#	87
4) n-Nitrosodimethylamine	3.84	42	21611	34.78	ng		89
6) Aniline	7.43	93	45411	23.26	ng	#	89
8) 2-Chlorophenol	7.67	128	54204	44.52	ng		96
9) Benzaldehyde	7.24	77	9597	9.55	ng		92
10) Phenol	7.29	94	74523	46.97	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	48259	41.07	ng		91
12) 1,3-Dichlorobenzene	8.00	146	53655	38.88	ng	#	94
13) 1,4-Dichlorobenzene	8.14	146	55374	38.85	ng		96
14) 1,2-Dichlorobenzene	8.47	146	53511	39.36	ng		94
15) Benzyl Alcohol	8.34	79	56857	42.98	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	69175	36.09	ng		95
17) 2-Methylphenol	8.55	107	50112	44.74	ng	#	93
18) Hexachloroethane	9.20	117	20336	38.10	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	45212	38.03	ng		91
20) 3+4-Methylphenols	8.88	107	71228	45.16	ng		92
22) Acetophenone	8.94	105	82732	38.70	ng	#	94
24) Nitrobenzene	9.32	77	69907	42.17	ng		90
25) Isophorone	9.84	82	122332	37.34	ng		97
26) 2-Nitrophenol	10.04	139	30779	48.08	ng	#	80
27) 2,4-Dimethylphenol	10.09	122	57385	43.04	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	69089	43.16	ng		99
29) 2,4-Dichlorophenol	10.57	162	64155	47.11	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	62947	40.90	ng		94
31) Naphthalene	10.98	128	172197	41.22	ng		100
32) Benzoic acid	10.21	122	41793	46.70	ng	#	80
33) 4-Chloroaniline	11.08	127	30247	16.43	ng	#	94
34) Hexachlorobutadiene	11.26	225	43179	38.03	ng		96
35) Caprolactam	11.86	113	21809m	43.02	ng		
36) 4-Chloro-3-methylphenol	12.19	107	72700	42.86	ng		93
37) 2-Methylnaphthalene	12.57	142	132063	43.13	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	85099	38.68	ng		99
40) Hexachlorocyclopentadiene	12.92	237	83388	66.47	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	59812	41.06	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	66945	43.49	ng		97
45) 1,1'-Biphenyl	13.58	154	176568	37.11	ng		98
46) 2-Chloronaphthalene	13.62	162	145624	39.71	ng		95
47) 2-Nitroaniline	13.82	65	52297	45.15	ng		89
48) Acenaphthylene	14.47	152	242804	38.87	ng		98
49) Dimethylphthalate	14.19	163	196430	37.66	ng		98
50) 2,6-Dinitrotoluene	14.31	165	44027	44.90	ng	#	85
51) Acenaphthene	14.81	154	144314	38.07	ng		98
52) 3-Nitroaniline	14.64	138	30799	30.23	ng	#	94
53) 2,4-Dinitrophenol	14.84	184	42609	81.47	ng	#	86
54) Dibenzofuran	15.14	168	242687	43.04	ng		93
55) 4-Nitrophenol	14.94	139	71481	80.57	ng	#	69
56) 2,4-Dinitrotoluene	15.09	165	63095	46.12	ng	#	90
57) Fluorene	15.78	166	196229	38.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	65969	46.30	ng		95
59) Diethylphthalate	15.55	149	207115	36.70	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	109953	37.94	ng		97
61) 4-Nitroaniline	15.80	138	47101	41.11	ng	#	78
62) Azobenzene	16.07	77	194227	41.36	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	35213	44.33	ng		93
65) n-Nitrosodiphenylamine	15.99	169	179456	43.33	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	73262	41.19	ng		98
67) Hexachlorobenzene	16.79	284	79474	42.90	ng		97
68) Atrazine	16.93	200	64841	36.03	ng		98
69) Pentachlorophenol	17.13	266	97782	90.43	ng		94
70) Phenanthrene	17.53	178	337328	41.66	ng		97
71) Anthracene	17.61	178	341190	41.37	ng		96
72) Carbazole	17.88	167	295585	40.68	ng		97
73) Di-n-butylphthalate	18.43	149	357760	40.17	ng		98
74) Fluoranthene	19.52	202	422323	40.77	ng		94
76) Benzidine	19.70	184	125798	22.55	ng		95
77) Pyrene	19.89	202	429308	42.97	ng		96
79) Butylbenzylphthalate	20.76	149	164561	42.02	ng		99
80) Benzo(a)anthracene	21.73	228	433216	41.67	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	115865	29.26	ng		98
82) Chrysene	21.80	228	398607	40.38	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	235474	40.97	ng	#	95
84) Di-n-octyl phthalate	22.87	149	400954	42.91	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	473945	43.59	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	421223	42.05	ng	#	95
88) Benzo(k)fluoranthene	24.06	252	408631	41.19	ng	#	95
89) Benzo(a)pyrene	24.88	252	406229	42.71	ng	#	96
90) Dibenzo(a,h)anthracene	28.84	278	395489	42.09	ng	#	93
91) Benzo(g,h,i)perylene	29.95	276	387492	42.00	ng	#	92

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

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