Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019949.D
Acq On : 5 Dec 2015 19:35
Operator : UM/NP
Sample : PB86943BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:31:43 PM

Quant Time: Dec 07 02:32:00 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	31590	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	134056	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	94326	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	240414	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	292015	20.00	ng		-0.04
86) Perylene-d12	25.04	264	273626	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	245291	140.34	ng		-0.01
7) Phenol-d6	7.26	99	356538	135.10	ng		-0.01
23) Nitrobenzene-d5	9.28	82	232856	88.65	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	178113	123.41	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	548197	79.35	ng		-0.02
78) Terphenyl-d14	20.09	244	958537	80.07	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	24148	35.46	ng	#	100
3) Pyridine	3.92	79	77181	37.32	ng	#	87
4) n-Nitrosodimethylamine	3.84	42	40045	36.82	ng		85
6) Aniline	7.43	93	99137	29.01	ng	#	83
8) 2-Chlorophenol	7.67	128	91685	43.02	ng		94
9) Benzaldehyde	7.24	77	41189	23.41	ng		90
10) Phenol	7.29	94	122964	44.27	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	83832	40.76	ng		85
12) 1,3-Dichlorobenzene	8.00	146	92090	38.12	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	94805	38.00	ng		94
14) 1,2-Dichlorobenzene	8.47	146	91651	38.51	ng		93
15) Benzyl Alcohol	8.35	79	98676	42.61	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	129440	38.58	ng		91
17) 2-Methylphenol	8.55	107	84978	43.34	ng	#	92
18) Hexachloroethane	9.21	117	35981	38.51	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	78863	37.89	ng		91
20) 3+4-Methylphenols	8.88	107	117830	42.68	ng		92
22) Acetophenone	8.94	105	140352	38.19	ng	#	93
24) Nitrobenzene	9.32	77	120749	42.38	ng		91
25) Isophorone	9.85	82	215453	38.26	ng		98
26) 2-Nitrophenol	10.04	139	50170	45.59	ng	#	73
27) 2,4-Dimethylphenol	10.09	122	96233	41.99	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	119367	43.38	ng		98
29) 2,4-Dichlorophenol	10.57	162	104270	44.54	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	102300	38.66	ng		95
31) Naphthalene	10.98	128	289175	40.27	ng		99
32) Benzoic acid	10.21	122	67998	44.53	ng		87
33) 4-Chloroaniline	11.08	127	59610	18.84	ng	#	92
34) Hexachlorobutadiene	11.26	225	73189	37.50	ng		94
35) Caprolactam	11.86	113	35391m	40.61	ng		
36) 4-Chloro-3-methylphenol	12.19	107	119455	40.97	ng		95
37) 2-Methylnaphthalene	12.58	142	218824	41.58	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	136489	38.13	ng		99
40) Hexachlorocyclopentadiene	12.93	237	153395	75.16	ng		98

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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	13.18	196	94397	39.83	ng		100
43) 2,4,5-Trichlorophenol	13.25	196	104856	41.86	ng		95
45) 1,1'-Biphenyl	13.58	154	289017	37.34	ng		98
46) 2-Chloronaphthalene	13.63	162	233196	39.08	ng		94
47) 2-Nitroaniline	13.82	65	85438	45.34	ng		86
48) Acenaphthylene	14.47	152	391561	38.53	ng		100
49) Dimethylphthalate	14.20	163	320419	37.76	ng		97
50) 2,6-Dinitrotoluene	14.31	165	69741	43.72	ng	#	77
51) Acenaphthene	14.81	154	266659	43.24	ng		99
52) 3-Nitroaniline	14.64	138	51930	31.33	ng		95
53) 2,4-Dinitrophenol	14.84	184	68145	80.24	ng		89
54) Dibenzofuran	15.14	168	387768	42.27	ng		93
55) 4-Nitrophenol	14.94	139	118894	82.37	ng	#	62
56) 2,4-Dinitrotoluene	15.09	165	101007	45.38	ng	#	89
57) Fluorene	15.79	166	311529	37.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	101839	43.93	ng		98
59) Diethylphthalate	15.55	149	330991	36.04	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	170699	36.20	ng		96
61) 4-Nitroaniline	15.81	138	77023	41.32	ng	#	76
62) Azobenzene	16.07	77	319287	41.79	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	57567	43.31	ng		93
65) n-Nitrosodiphenylamine	15.99	169	282994	40.68	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	115307	38.60	ng		94
67) Hexachlorobenzene	16.79	284	125071	40.19	ng		96
68) Atrazine	16.93	200	120038	39.71	ng		99
69) Pentachlorophenol	17.13	266	157327	86.62	ng		95
70) Phenanthrene	17.53	178	541542	39.81	ng		98
71) Anthracene	17.62	178	544588	39.31	ng		97
72) Carbazole	17.89	167	490216	40.16	ng		98
73) Di-n-butylphthalate	18.44	149	586953	39.23	ng		98
74) Fluoranthene	19.53	202	684490	39.34	ng		94
76) Benzidine	19.71	184	200768	20.93	ng		98
77) Pyrene	19.89	202	700679	40.79	ng		97
79) Butylbenzylphthalate	20.77	149	273024	40.55	ng		95
80) Benzo(a)anthracene	21.74	228	706402	39.52	ng		100
81) 3,3'-Dichlorobenzidine	21.65	252	162680	23.90	ng		98
82) Chrysene	21.81	228	641967	37.83	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	391887	39.66	ng		98
84) Di-n-octyl phthalate	22.88	149	678872	42.25	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	788185	42.16	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	700419	40.39	ng	#	94
88) Benzo(k)fluoranthene	24.07	252	670126	39.02	ng	#	96
89) Benzo(a)pyrene	24.89	252	659257	40.04	ng	#	95
90) Dibenzo(a,h)anthracene	28.86	278	650930	40.02	ng	#	95
91) Benzo(g,h,i)perylene	29.96	276	645175	40.39	ng	#	92

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

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