Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019950.D
Acq On : 5 Dec 2015 20:13
Operator : UM/NP
Sample : PB87049BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:31:45 PM

Quant Time: Dec 07 02:34:05 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	34325	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	150927	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	107654	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	274745	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	326830	20.00	ng		-0.03
86) Perylene-d12	25.04	264	308357	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	265891	140.00	ng		-0.01
7) Phenol-d6	7.26	99	384057	133.94	ng		-0.01
23) Nitrobenzene-d5	9.28	82	246506	83.36	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	190019	115.36	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	585254	74.23	ng		-0.02
78) Terphenyl-d14	20.09	244	1002082	74.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	27807	37.58	ng	#	100
3) Pyridine	3.92	79	84564	37.63	ng	#	90
4) n-Nitrosodimethylamine	3.84	42	43979	37.21	ng		85
6) Aniline	7.43	93	89909	24.21	ng	#	84
8) 2-Chlorophenol	7.67	128	99610	43.01	ng		93
9) Benzaldehyde	7.24	77	33592	17.57	ng		92
10) Phenol	7.29	94	135582	44.93	ng		79
11) bis(2-Chloroethyl)ether	7.53	93	90372	40.43	ng		91
12) 1,3-Dichlorobenzene	8.00	146	100612	38.33	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	103394	38.14	ng		93
14) 1,2-Dichlorobenzene	8.47	146	98751	38.19	ng		94
15) Benzyl Alcohol	8.35	79	105482	41.92	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	138380	37.96	ng		92
17) 2-Methylphenol	8.55	107	94144	44.19	ng	#	91
18) Hexachloroethane	9.21	117	38119	37.55	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	84230	37.25	ng		92
20) 3+4-Methylphenols	8.88	107	132570	44.19	ng		95
22) Acetophenone	8.94	105	149764	36.20	ng	#	93
24) Nitrobenzene	9.32	77	126998	39.59	ng		91
25) Isophorone	9.85	82	231230	36.47	ng	#	95
26) 2-Nitrophenol	10.04	139	55556	44.84	ng	#	75
27) 2,4-Dimethylphenol	10.09	122	106831	41.41	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	131143	42.33	ng		99
29) 2,4-Dichlorophenol	10.57	162	116405	44.16	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	108955	36.58	ng		95
31) Naphthalene	10.99	128	313336	38.75	ng		99
32) Benzoic acid	10.22	122	71876	42.17	ng		89
33) 4-Chloroaniline	11.08	127	47343	13.29	ng	#	90
34) Hexachlorobutadiene	11.27	225	76546	34.84	ng		99
35) Caprolactam	11.86	113	40105m	40.88	ng		
36) 4-Chloro-3-methylphenol	12.20	107	134924	41.10	ng		96
37) 2-Methylnaphthalene	12.58	142	237607	40.10	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	146378	35.83	ng		99
40) Hexachlorocyclopentadiene	12.93	237	165323	70.97	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019950.D
Acq On : 5 Dec 2015 20:13
Operator : UM/NP
Sample : PB87049BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87049BS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:31:45 PM

Quant Time: Dec 07 02:34:05 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)
42) 2,4,6-Trichlorophenol	13.18	196	104577	38.66	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	118433	41.43	ng		96
45) 1,1'-Biphenyl	13.58	154	315349	35.69	ng		98
46) 2-Chloronaphthalene	13.62	162	255693	37.55	ng		95
47) 2-Nitroaniline	13.82	65	96865	45.04	ng		92
48) Acenaphthylene	14.47	152	428504	36.94	ng		99
49) Dimethylphthalate	14.19	163	357519	36.92	ng	#	98
50) 2,6-Dinitrotoluene	14.31	165	77329	42.47	ng	#	73
51) Acenaphthene	14.81	154	302136m	42.93	ng		
52) 3-Nitroaniline	14.64	138	48932	25.87	ng		91
53) 2,4-Dinitrophenol	14.85	184	82122	84.21	ng		89
54) Dibenzofuran	15.14	168	429953	41.06	ng		93
55) 4-Nitrophenol	14.94	139	135219	82.08	ng	#	67
56) 2,4-Dinitrotoluene	15.10	165	115881	45.62	ng	#	93
57) Fluorene	15.79	166	350207	37.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	114722	43.36	ng		97
59) Diethylphthalate	15.56	149	373325	35.62	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	192060	35.69	ng		96
61) 4-Nitroaniline	15.80	138	84422	39.68	ng	#	75
62) Azobenzene	16.07	77	355580	40.77	ng		96
64) 4,6-Dinitro-2-methylphenol	15.86	198	66978	43.98	ng		96
65) n-Nitrosodiphenylamine	15.99	169	318679	40.08	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	128085	37.52	ng		96
67) Hexachlorobenzene	16.79	284	138447	38.93	ng		98
68) Atrazine	16.94	200	137244	39.73	ng		97
69) Pentachlorophenol	17.13	266	178335	85.92	ng		93
70) Phenanthrene	17.53	178	599607	38.57	ng		97
71) Anthracene	17.62	178	610132	38.54	ng		98
72) Carbazole	17.88	167	544989	39.07	ng		99
73) Di-n-butylphthalate	18.44	149	649951	38.02	ng		99
74) Fluoranthene	19.53	202	743946	37.42	ng		96
76) Benzidine	19.71	184	195588	18.22	ng		96
77) Pyrene	19.89	202	764408	39.76	ng		97
79) Butylbenzylphthalate	20.78	149	296873	39.39	ng		99
80) Benzo(a)anthracene	21.74	228	774339	38.71	ng		100
81) 3,3'-Dichlorobenzidine	21.65	252	158742	20.83	ng		98
82) Chrysene	21.81	228	701564	36.93	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	433115	39.16	ng	#	97
84) Di-n-octyl phthalate	22.88	149	744753	41.42	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	862930	41.24	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	759792	38.88	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	733145	37.88	ng	#	95
89) Benzo(a)pyrene	24.89	252	733615	39.54	ng	#	96
90) Dibenzo(a,h)anthracene	28.86	278	705762	38.50	ng	#	94
91) Benzo(g,h,i)perylene	29.97	276	706903	39.27	ng	#	92

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019950.D
Acq On : 5 Dec 2015 20:13
Operator : UM/NP
Sample : PB87049BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 07 02:34:05 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

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:31:45 PM