Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078732.D
Acq On : 22 Apr 2015 23:41
Operator : TP/IZ
Sample : PB82930BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Manual Integrations APPROVED
apatel
4/23/2015 2:14:47 PM

Quant Time: Apr 23 01:41:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	23353	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	97380	20.00	ng		-0.01
38) Acenaphthene-d10	11.13	164	49642	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	101708	20.00	ng		0.00
75) Chrysene-d12	17.74	240	112286	20.00	ng		0.00
86) Perylene-d12	19.42	264	113304	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.80	112	168406	118.90	ng		0.00
7) Phenol-d6	5.29	99	216725	122.09	ng		0.00
23) Nitrobenzene-d5	6.73	82	125294	77.99	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	56917	138.24	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	279111	80.37	ng		0.00
78) Terphenyl-d14	16.40	244	348849	70.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.37	88	18962	29.61	ng	#	23
3) Pyridine	1.86	79	55934	33.34	ng		97
4) n-Nitrosodimethylamine	1.82	42	26992	41.80	ng		88
6) Aniline	5.27	93	51579	20.49	ng	#	89
8) 2-Chlorophenol	5.45	128	64136	38.30	ng		97
9) Benzaldehyde	5.10	77	6826	5.80	ng		97
10) Phenol	5.31	94	79690	37.47	ng		99
11) bis(2-Chloroethyl)ether	5.42	93	56249	36.78	ng		95
12) 1,3-Dichlorobenzene	5.68	146	65471	35.59	ng		98
13) 1,4-Dichlorobenzene	5.82	146	67064	36.22	ng		97
14) 1,2-Dichlorobenzene	6.04	146	63977	36.85	ng		99
15) Benzyl Alcohol	6.07	79	51868	41.58	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.31	45	74931	36.73	ng		88
17) 2-Methylphenol	6.28	107	51880	39.90	ng		95
18) Hexachloroethane	6.59	117	23136	37.05	ng	#	81
19) n-Nitroso-di-n-propylamine	6.51	70	43779	37.38	ng	#	88
20) 3+4-Methylphenols	6.57	107	67486	38.90	ng		91
22) Acetophenone	6.49	105	87155	38.41	ng	#	95
24) Nitrobenzene	6.75	77	63351	37.72	ng	#	82
25) Isophorone	7.19	82	116069	38.07	ng		95
26) 2-Nitrophenol	7.31	139	31823	39.76	ng		97
27) 2,4-Dimethylphenol	7.47	122	57916	38.92	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	72679	37.17	ng		99
29) 2,4-Dichlorophenol	7.75	162	54134	39.98	ng		92
30) 1,2,4-Trichlorobenzene	7.87	180	56013	36.08	ng		99
31) Naphthalene	7.99	128	184330	36.37	ng		99
32) Benzoic acid	7.70	122	32447	46.56	ng		95
33) 4-Chloroaniline	8.15	127	44655	21.23	ng		96
34) Hexachlorobutadiene	8.24	225	31714	37.21	ng		99
35) Caprolactam	8.76	113	16698	41.32	ng		98
36) 4-Chloro-3-methylphenol	9.11	107	57525	42.11	ng		88
37) 2-Methylnaphthalene	9.24	142	131688	38.27	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	55249	35.92	ng		97
40) Hexachlorocyclopentadiene	9.54	237	40613	62.92	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078732.D
Acq On : 22 Apr 2015 23:41
Operator : TP/IZ
Sample : PB82930BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Manual Integrations APPROVED
apatel
4/23/2015 2:14:47 PM

Quant Time: Apr 23 01:41:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	38583	39.77	ng		100
43) 2,4,5-Trichlorophenol	9.88	196	41314	40.77	ng	#	91
45) 1,1'-Biphenyl	10.12	154	154490	38.05	ng		98
46) 2-Chloronaphthalene	10.12	162	122014	38.19	ng		98
47) 2-Nitroaniline	10.36	65	34104	43.14	ng		86
48) Acenaphthylene	10.87	152	199734	38.72	ng		100
49) Dimethylphthalate	10.78	163	150116	40.25	ng		96
50) 2,6-Dinitrotoluene	10.86	165	31539	41.10	ng	#	38
51) Acenaphthene	11.19	154	114263	39.34	ng		98
52) 3-Nitroaniline	11.14	138	25681	29.43	ng		98
53) 2,4-Dinitrophenol	11.37	184	21019	73.46	ng		94
54) Dibenzofuran	11.52	168	183986	41.47	ng		99
55) 4-Nitrophenol	11.58	139	41178	64.65	ng		86
56) 2,4-Dinitrotoluene	11.60	165	45244	45.53	ng	#	87
57) Fluorene	12.15	166	148795	41.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	30270	40.29	ng		98
59) Diethylphthalate	12.09	149	148641	41.33	ng		96
60) 4-Chlorophenyl-phenylether	12.22	204	67587	40.86	ng	#	89
61) 4-Nitroaniline	12.26	138	32933	37.34	ng		92
62) Azobenzene	12.50	77	140898	42.93	ng		93
64) 4,6-Dinitro-2-methylphenol	12.34	198	18007	37.87	ng		79
65) n-Nitrosodiphenylamine	12.46	169	129853	36.91	ng		98
66) 4-Bromophenyl-phenylether	13.11	248	42335	39.30	ng		96
67) Hexachlorobenzene	13.14	284	43651	36.98	ng	#	86
68) Atrazine	13.52	200	49739	48.81	ng		96
69) Pentachlorophenol	13.57	266	32553	63.92	ng		99
70) Phenanthrene	13.91	178	222307	37.79	ng		99
71) Anthracene	14.00	178	228270	39.37	ng		99
72) Carbazole	14.33	167	218405	40.20	ng		99
73) Di-n-butylphthalate	15.03	149	256038	41.60	ng		99
74) Fluoranthene	15.81	202	254469	41.01	ng		92
76) Benzidine	16.06	184	101163	23.40	ng		99
77) Pyrene	16.11	202	270799	38.42	ng		98
79) Butylbenzylphthalate	17.11	149	119904	44.63	ng	#	78
80) Benzo(a)anthracene	17.73	228	255602	38.26	ng		99
81) 3,3'-Dichlorobenzidine	17.74	252	63597	28.42	ng	#	98
82) Chrysene	17.77	228	243293	38.76	ng		99
83) Bis(2-ethylhexyl)phthalate	17.86	149	173246	41.12	ng	#	94
84) Di-n-octyl phthalate	18.65	149	315788	45.64	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.56	276	282963	39.73	ng	#	88
87) Benzo(b)fluoranthene	19.01	252	258179	36.87	ng		99
88) Benzo(k)fluoranthene	19.04	252	254652m	40.92	ng		
89) Benzo(a)pyrene	19.36	252	245568	40.18	ng	#	97
90) Dibenzo(a,h)anthracene	20.58	278	229965	37.58	ng		100
91) Benzo(g,h,i)perylene	20.87	276	232256	37.86	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078732.D
Acq On : 22 Apr 2015 23:41
Operator : TP/IZ
Sample : PB82930BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 23 01:41:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB82930BSD

Manual Integrations APPROVED
apatel
4/23/2015 2:14:47 PM