Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080580.D
Acq On : 23 Jul 2015 4:00
Operator : TP/UM
Sample : PB84616BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Manual Integrations APPROVED
apatel
7/23/2015 11:51:32 AM

Quant Time: Jul 23 06:47:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44536	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	171325	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	81849	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	147338	20.00	ng		0.00
75) Chrysene-d12	14.23	240	113004	20.00	ng		-0.09
86) Perylene-d12	15.83	264	78529	20.00	ng		-0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	253515	100.95	ng		0.01
7) Phenol-d6	6.57	99	329133	106.41	ng		0.00
23) Nitrobenzene-d5	7.52	82	199168	74.88	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	64895	107.40	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	356856	62.70	ng		0.00
78) Terphenyl-d14	13.09	244	350338	63.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	31180	23.88	ng	#	100
3) Pyridine	3.30	79	86837	28.65	ng		93
4) n-Nitrosodimethylamine	3.21	42	56880	29.71	ng	#	95
6) Aniline	6.61	93	72612	15.67	ng		96
8) 2-Chlorophenol	6.74	128	84457	32.11	ng		96
9) Benzaldehyde	6.50	77	27270	11.72	ng		91
10) Phenol	6.58	94	129200	35.12	ng		97
11) bis(2-Chloroethyl)ether	6.68	93	87884	33.26	ng		94
12) 1,3-Dichlorobenzene	6.90	146	100104	29.42	ng		97
13) 1,4-Dichlorobenzene	6.98	146	95821	29.57	ng		98
14) 1,2-Dichlorobenzene	7.13	146	102359	32.75	ng		98
15) Benzyl Alcohol	7.09	79	80123	31.29	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	167499	30.27	ng		97
17) 2-Methylphenol	7.20	107	70768	31.55	ng		96
18) Hexachloroethane	7.47	117	34054	29.81	ng	#	68
19) n-Nitroso-di-n-propylamine	7.36	70	61230	30.82	ng	#	80
20) 3+4-Methylphenols	7.36	107	87594	30.96	ng	#	87
22) Acetophenone	7.37	105	128643	31.45	ng		95
24) Nitrobenzene	7.54	77	95573	31.03	ng		98
25) Isophorone	7.78	82	173896	30.95	ng	#	96
26) 2-Nitrophenol	7.86	139	26662	37.14	ng		95
27) 2,4-Dimethylphenol	7.89	122	74121	31.16	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	94103	31.23	ng		99
29) 2,4-Dichlorophenol	8.10	162	66365	34.91	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	79684	29.98	ng		97
31) Naphthalene	8.27	128	259107	30.46	ng		99
32) Benzoic acid	7.95	122	31442m	44.75	ng		
33) 4-Chloroaniline	8.32	127	47995	14.66	ng		96
34) Hexachlorobutadiene	8.40	225	47825	30.81	ng		99
35) Caprolactam	8.64	113	15926	29.71	ng		95
36) 4-Chloro-3-methylphenol	8.78	107	86132	36.64	ng		96
37) 2-Methylnaphthalene	8.96	142	155197	32.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	83149	29.63	ng		98
40) Hexachlorocyclopentadiene	9.12	237	89789	74.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	41513	29.87	ng		95
43) 2,4,5-Trichlorophenol	9.26	196	47907	32.98	ng		95
45) 1,1'-Biphenyl	9.42	154	210334	30.66	ng		98
46) 2-Chloronaphthalene	9.45	162	160987	29.71	ng		97
47) 2-Nitroaniline	9.54	65	43743	37.49	ng		97
48) Acenaphthylene	9.87	152	234869	29.53	ng		98
49) Dimethylphthalate	9.72	163	193459	33.66	ng		99
50) 2,6-Dinitrotoluene	9.78	165	32783	35.13	ng		94
51) Acenaphthene	10.04	154	148436	31.77	ng		97
52) 3-Nitroaniline	9.95	138	20599	25.15	ng		94
53) 2,4-Dinitrophenol	10.05	184	15032	75.14	ng	#	74
54) Dibenzofuran	10.21	168	217725	31.72	ng		100
55) 4-Nitrophenol	10.09	139	48489	61.54	ng		89
56) 2,4-Dinitrotoluene	10.18	165	40961	39.41	ng		98
57) Fluorene	10.56	166	173539	31.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	38437	33.41	ng	#	98
59) Diethylphthalate	10.42	149	170298	32.11	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	75587	31.96	ng		99
61) 4-Nitroaniline	10.56	138	32372	32.88	ng		94
62) Azobenzene	10.70	77	197483	33.81	ng		99
64) 4,6-Dinitro-2-methylphenol	10.59	198	11093	44.99	ng		85
65) n-Nitrosodiphenylamine	10.66	169	149565	30.79	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	44429	31.33	ng		95
67) Hexachlorobenzene	11.10	284	52409	32.54	ng		99
68) Atrazine	11.18	200	42749	32.80	ng		97
69) Pentachlorophenol	11.29	266	45948	71.85	ng		97
70) Phenanthrene	11.52	178	253796	30.35	ng		99
71) Anthracene	11.57	178	244552	31.60	ng		98
72) Carbazole	11.72	167	226160	32.26	ng		98
73) Di-n-butylphthalate	12.06	149	243125	29.82	ng		99
74) Fluoranthene	12.72	202	224496	29.67	ng		92
76) Benzidine	12.84	184	363583	108.21	ng		99
77) Pyrene	12.95	202	257723	33.50	ng		98
79) Butylbenzylphthalate	13.60	149	87863	37.80	ng	#	76
80) Benzo(a)anthracene	14.21	228	210001	32.70	ng		100
81) 3,3'-Dichlorobenzidine	14.18	252	51861	27.37	ng	#	96
82) Chrysene	14.26	228	190069	29.62	ng		100
83) Bis(2-ethylhexyl)phthalate	14.23	149	136153	33.76	ng	#	99
84) Di-n-octyl phthalate	14.93	149	185368	37.41	ng		95
85) Indeno(1,2,3-cd)pyrene	17.33	276	203801	44.70	ng		97
87) Benzo(b)fluoranthene	15.39	252	154907	31.37	ng		96
88) Benzo(k)fluoranthene	15.41	252	144254m	29.51	ng		
89) Benzo(a)pyrene	15.77	252	143438	33.52	ng	#	89
90) Dibenzo(a,h)anthracene	17.37	278	163697	44.82	ng		97
91) Benzo(g,h,i)perylene	17.79	276	198790	53.53	ng		95

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

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