Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080353.D
Acq On : 6 Jul 2015 19:22
Operator : TP/IZ
Sample : PB84363BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84363BSD

Manual Integrations APPROVED
apatel
7/7/2015 4:26:01 PM

Quant Time: Jul 07 04:56:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	35378	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	133953	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	65248	20.00	ng		0.00
63) Phenanthrene-d10	11.79	188	142780	20.00	ng		0.00
75) Chrysene-d12	14.74	240	145164	20.00	ng		0.00
86) Perylene-d12	16.57	264	135624	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	240892	124.71	ng		0.00
7) Phenol-d6	6.83	99	293442	114.60	ng		0.00
23) Nitrobenzene-d5	7.79	82	176706	76.94	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	86851	127.21	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	404088	83.58	ng		0.00
78) Terphenyl-d14	13.47	244	478767	76.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	28940	31.73	ng	#	91
3) Pyridine	3.88	79	86368	37.21	ng		98
4) n-Nitrosodimethylamine	3.78	42	44238	40.56	ng		93
6) Aniline	6.89	93	81482	22.98	ng		99
8) 2-Chlorophenol	7.01	128	85759	38.30	ng		98
9) Benzaldehyde	6.77	77	44213	31.05	ng		99
10) Phenol	6.85	94	99422	35.81	ng		100
11) bis(2-Chloroethyl)ether	6.94	93	78549	37.50	ng		98
12) 1,3-Dichlorobenzene	7.17	146	96875	35.24	ng		100
13) 1,4-Dichlorobenzene	7.24	146	91412m	35.61	ng		
14) 1,2-Dichlorobenzene	7.40	146	96106	36.99	ng		98
15) Benzyl Alcohol	7.36	79	76228	38.46	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	122927	36.29	ng		99
17) 2-Methylphenol	7.46	107	63010	36.30	ng	#	88
18) Hexachloroethane	7.76	117	29012	35.17	ng		98
19) n-Nitroso-di-n-propylamine	7.62	70	57818	34.80	ng	#	78
20) 3+4-Methylphenols	7.62	107	90482	37.40	ng		94
22) Acetophenone	7.63	105	122785	39.73	ng	#	97
24) Nitrobenzene	7.80	77	88596	38.40	ng		99
25) Isophorone	8.04	82	171262	38.74	ng		97
26) 2-Nitrophenol	8.13	139	36416	36.47	ng		98
27) 2,4-Dimethylphenol	8.16	122	76749	39.07	ng		97
28) bis(2-Chloroethoxy)methane	8.25	93	108049	39.36	ng		98
29) 2,4-Dichlorophenol	8.37	162	68445	39.24	ng		97
30) 1,2,4-Trichlorobenzene	8.46	180	74829	36.10	ng		98
31) Naphthalene	8.54	128	247327m	36.00	ng		
32) Benzoic acid	8.21	122	35905	37.21	ng		93
33) 4-Chloroaniline	8.58	127	62594	22.85	ng		96
34) Hexachlorobutadiene	8.66	225	45840	36.35	ng		99
35) Caprolactam	8.92	113	21017	39.02	ng	#	78
36) 4-Chloro-3-methylphenol	9.05	107	68425	38.03	ng		99
37) 2-Methylnaphthalene	9.23	142	167437	38.22	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	75695	36.60	ng		99
40) Hexachlorocyclopentadiene	9.39	237	63346	74.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	49757	36.53	ng		97
43) 2,4,5-Trichlorophenol	9.55	196	59324	37.36	ng		97
45) 1,1'-Biphenyl	9.70	154	224058	38.69	ng		99
46) 2-Chloronaphthalene	9.73	162	162591	36.82	ng		98
47) 2-Nitroaniline	9.81	65	49905	40.39	ng		98
48) Acenaphthylene	10.14	152	258377	35.15	ng		99
49) Dimethylphthalate	9.98	163	191810	36.61	ng		99
50) 2,6-Dinitrotoluene	10.05	165	43419	39.64	ng		94
51) Acenaphthene	10.33	154	169256	38.47	ng		91
52) 3-Nitroaniline	10.22	138	32673	26.47	ng		95
53) 2,4-Dinitrophenol	10.33	184	35183	74.42	ng	#	1
54) Dibenzofuran	10.50	168	235072	37.58	ng		100
55) 4-Nitrophenol	10.37	139	74326	82.17	ng		98
56) 2,4-Dinitrotoluene	10.46	165	53786	38.19	ng		97
57) Fluorene	10.84	166	204668	37.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.61	232	48976	38.51	ng		100
59) Diethylphthalate	10.69	149	206563	39.47	ng		99
60) 4-Chlorophenyl-phenylether	10.83	204	89580	37.58	ng		98
61) 4-Nitroaniline	10.84	138	41112	34.32	ng		96
62) Azobenzene	10.99	77	183016	36.82	ng		97
64) 4,6-Dinitro-2-methylphenol	10.88	198	26873	34.06	ng		93
65) n-Nitrosodiphenylamine	10.94	169	158952	34.95	ng		99
66) 4-Bromophenyl-phenylether	11.32	248	62259	38.06	ng		94
67) Hexachlorobenzene	11.40	284	61571	35.89	ng		99
68) Atrazine	11.46	200	54847	40.51	ng		96
69) Pentachlorophenol	11.58	266	60678	71.52	ng		93
70) Phenanthrene	11.81	178	306088	35.74	ng		100
71) Anthracene	11.87	178	310354	36.96	ng		100
72) Carbazole	12.02	167	281568	35.95	ng		99
73) Di-n-butylphthalate	12.35	149	339420	37.89	ng		99
74) Fluoranthene	13.07	202	328478	35.70	ng		97
76) Benzidine	13.19	184	132799	36.07	ng		98
77) Pyrene	13.32	202	336736	38.35	ng		99
79) Butylbenzylphthalate	14.02	149	135430	38.65	ng		99
80) Benzo(a)anthracene	14.72	228	320643	36.65	ng		100
81) 3,3'-Dichlorobenzidine	14.67	252	86262	29.74	ng		99
82) Chrysene	14.76	228	306220	37.41	ng		100
83) Bis(2-ethylhexyl)phthalate	14.71	149	212294	39.75	ng		99
84) Di-n-octyl phthalate	15.51	149	340479	38.59	ng		98
85) Indeno(1,2,3-cd)pyrene	18.34	276	330842	34.37	ng		100
87) Benzo(b)fluoranthene	16.05	252	296993	34.84	ng		99
88) Benzo(k)fluoranthene	16.09	252	317517	39.35	ng	#	97
89) Benzo(a)pyrene	16.49	252	295431	37.90	ng	#	97
90) Dibenzo(a,h)anthracene	18.36	278	275567	35.90	ng		100
91) Benzo(g,h,i)perylene	18.88	276	276795	35.56	ng		97

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

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