Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080599.D
Acq On : 23 Jul 2015 18:45
Operator : TP/UM
Sample : PB84631BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Manual Integrations APPROVED
apatel
7/24/2015 4:47:04 PM

Quant Time: Jul 24 00:48:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 19:10:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	39668	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	153811	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	68581	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	117365	20.00	ng		0.00
75) Chrysene-d12	14.26	240	100046	20.00	ng		-0.05
86) Perylene-d12	15.91	264	70453	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	178550	77.74	ng		0.01
7) Phenol-d6	6.56	99	229992	81.92	ng		0.00
23) Nitrobenzene-d5	7.50	82	218882	80.63	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	42101	77.47	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	372399	78.79	ng		0.00
78) Terphenyl-d14	13.09	244	324505	67.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	32818	29.99	ng	#	100
3) Pyridine	3.29	79	79022	27.18	ng		93
4) n-Nitrosodimethylamine	3.20	42	64407	35.05	ng	#	98
6) Aniline	6.60	93	47160	11.49	ng		98
8) 2-Chlorophenol	6.73	128	93300	37.82	ng		97
9) Benzaldehyde	6.49	77	29106	14.02	ng		96
10) Phenol	6.57	94	128487	38.25	ng		94
11) bis(2-Chloroethyl)ether	6.67	93	88428	37.91	ng		96
12) 1,3-Dichlorobenzene	6.89	146	110685	35.39	ng		99
13) 1,4-Dichlorobenzene	6.97	146	107897	35.15	ng		99
14) 1,2-Dichlorobenzene	7.12	146	105970	37.24	ng		98
15) Benzyl Alcohol	7.08	79	94845	38.33	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	180744	38.23	ng		98
17) 2-Methylphenol	7.18	107	72087	37.08	ng		94
18) Hexachloroethane	7.47	117	38418	36.19	ng		99
19) n-Nitroso-di-n-propylamine	7.36	70	67269	35.36	ng		97
20) 3+4-Methylphenols	7.34	107	98758	36.74	ng	#	88
22) Acetophenone	7.36	105	139579	37.26	ng		100
24) Nitrobenzene	7.53	77	108927	37.54	ng		98
25) Isophorone	7.77	82	192767	38.34	ng		99
26) 2-Nitrophenol	7.85	139	37822	36.48	ng	#	90
27) 2,4-Dimethylphenol	7.88	122	84960	37.10	ng		92
28) bis(2-Chloroethoxy)methane	7.98	93	101019	36.36	ng		99
29) 2,4-Dichlorophenol	8.09	162	68911	36.79	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	88645	36.40	ng		98
31) Naphthalene	8.26	128	284787	37.01	ng		100
32) Benzoic acid	7.94	122	37662m	37.14	ng		
33) 4-Chloroaniline	8.30	127	25501	8.45	ng		96
34) Hexachlorobutadiene	8.38	225	53498	37.68	ng		93
35) Caprolactam	8.64	113	19381	38.43	ng	#	71
36) 4-Chloro-3-methylphenol	8.77	107	88740	39.83	ng		98
37) 2-Methylnaphthalene	8.94	142	159462	37.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	86602	37.34	ng		98
40) Hexachlorocyclopentadiene	9.10	237	104664	85.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	45477	34.96	ng		97
43) 2,4,5-Trichlorophenol	9.25	196	52439	39.94	ng		96
45) 1,1'-Biphenyl	9.41	154	219296	39.28	ng		100
46) 2-Chloronaphthalene	9.44	162	172040	38.09	ng		96
47) 2-Nitroaniline	9.53	65	50794	36.88	ng		90
48) Acenaphthylene	9.86	152	250733	37.48	ng		99
49) Dimethylphthalate	9.71	163	200810	39.80	ng		98
50) 2,6-Dinitrotoluene	9.77	165	39270	41.61	ng		99
51) Acenaphthene	10.03	154	166370	41.40	ng		96
52) 3-Nitroaniline	9.93	138	16391	15.97	ng	#	47
53) 2,4-Dinitrophenol	10.04	184	23516	71.75	ng	#	71
54) Dibenzofuran	10.20	168	221547	38.14	ng		99
55) 4-Nitrophenol	10.08	139	55224	74.48	ng	#	82
56) 2,4-Dinitrotoluene	10.17	165	50867	43.03	ng	#	92
57) Fluorene	10.54	166	176927	37.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	41875	40.99	ng	#	95
59) Diethylphthalate	10.41	149	178070	37.81	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	79999	38.20	ng		99
61) 4-Nitroaniline	10.54	138	30400	29.41	ng		90
62) Azobenzene	10.69	77	189852	38.49	ng		97
64) 4,6-Dinitro-2-methylphenol	10.58	198	15765	42.77	ng	#	76
65) n-Nitrosodiphenylamine	10.65	169	163122	42.36	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	48122	40.34	ng		89
67) Hexachlorobenzene	11.09	284	51507	38.24	ng	#	93
68) Atrazine	11.17	200	48754	46.08	ng		97
69) Pentachlorophenol	11.28	266	52447	83.44	ng		96
70) Phenanthrene	11.50	178	266671	40.25	ng		99
71) Anthracene	11.55	178	253949	40.93	ng		99
72) Carbazole	11.71	167	207972	38.77	ng		99
73) Di-n-butylphthalate	12.04	149	233618	37.47	ng	#	96
74) Fluoranthene	12.71	202	247928	41.82	ng		97
76) Benzidine	12.83	184	37497	12.75	ng		99
77) Pyrene	12.95	202	263701	39.29	ng		98
79) Butylbenzylphthalate	13.62	149	88822	38.07	ng		93
80) Benzo(a)anthracene	14.25	228	223093	39.55	ng		99
81) 3,3'-Dichlorobenzidine	14.21	252	19644	12.18	ng	#	84
82) Chrysene	14.29	228	208939	37.23	ng		98
83) Bis(2-ethylhexyl)phthalate	14.26	149	122823	37.43	ng	#	96
84) Di-n-octyl phthalate	15.00	149	176674	39.61	ng		96
85) Indeno(1,2,3-cd)pyrene	17.41	276	156753	36.92	ng		97
87) Benzo(b)fluoranthene	15.46	252	182312	42.54	ng	#	96
88) Benzo(k)fluoranthene	15.49	252	159044m	37.29	ng		
89) Benzo(a)pyrene	15.85	252	156492	41.17	ng	#	90
90) Dibenzo(a,h)anthracene	17.44	278	133321	37.13	ng		99
91) Benzo(g,h,i)perylene	17.86	276	134694	36.73	ng		95

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

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