Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080858.D
Acq On : 5 Aug 2015 1:28
Operator : TP/UM
Sample : PB84659BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:01:09 PM

Quant Time: Aug 05 08:00:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86537	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	339425	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	145341	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	241275	20.00	ng		0.00
75) Chrysene-d12	13.96	240	133133	20.00	ng		0.00
86) Perylene-d12	15.37	264	108245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	546466	95.58	ng		0.01
7) Phenol-d6	6.46	99	733229	98.10	ng		0.01
23) Nitrobenzene-d5	7.39	82	465634	64.65	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	132992	94.89	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	675451	62.58	ng		0.00
78) Terphenyl-d14	12.92	244	543489	73.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	79676	28.43	ng		98
3) Pyridine	3.26	79	201649	26.10	ng		97
4) n-Nitrosodimethylamine	3.22	42	127533	32.18	ng		100
6) Aniline	6.49	93	225227	20.71	ng		99
8) 2-Chlorophenol	6.61	128	221181	34.53	ng		92
9) Benzaldehyde	6.37	77	15665	3.00	ng		93
10) Phenol	6.48	94	319598	35.94	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	238881	35.97	ng		95
12) 1,3-Dichlorobenzene	6.76	146	208566	30.39	ng		100
13) 1,4-Dichlorobenzene	6.84	146	215184	31.24	ng		98
14) 1,2-Dichlorobenzene	7.00	146	201791	31.04	ng		99
15) Benzyl Alcohol	6.97	79	175546	35.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	449670	34.99	ng		99
17) 2-Methylphenol	7.08	107	180241	32.13	ng		97
18) Hexachloroethane	7.33	117	86993	33.23	ng	#	78
19) n-Nitroso-di-n-propylamine	7.24	70	155091	32.12	ng		99
20) 3+4-Methylphenols	7.24	107	221164	34.00	ng	#	84
22) Acetophenone	7.24	105	296786	35.80	ng	#	92
24) Nitrobenzene	7.41	77	255545	34.21	ng		98
25) Isophorone	7.65	82	450201	35.28	ng		98
26) 2-Nitrophenol	7.72	139	100866m	32.92	ng		
27) 2,4-Dimethylphenol	7.77	122	208908m	36.61	ng		
28) bis(2-Chloroethoxy)methane	7.86	93	258706	32.96	ng		99
29) 2,4-Dichlorophenol	7.96	162	158860	33.73	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	179809	33.55	ng		99
31) Naphthalene	8.13	128	627649	33.95	ng		100
32) Benzoic acid	7.88	122	143059m	37.59	ng		
33) 4-Chloroaniline	8.18	127	101396	14.02	ng		96
34) Hexachlorobutadiene	8.25	225	98485	32.23	ng		99
35) Caprolactam	8.54	113	49757m	36.99	ng		
36) 4-Chloro-3-methylphenol	8.66	107	183751	35.56	ng		95
37) 2-Methylnaphthalene	8.82	142	373837	33.74	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	159914	32.24	ng		98
40) Hexachlorocyclopentadiene	8.98	237	210540	70.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	108543	32.29	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	107584	31.91	ng	#	89
45) 1,1'-Biphenyl	9.29	154	464272	34.65	ng		98
46) 2-Chloronaphthalene	9.31	162	344558	33.06	ng		99
47) 2-Nitroaniline	9.40	65	136004	35.85	ng		94
48) Acenaphthylene	9.72	152	572307	33.38	ng		100
49) Dimethylphthalate	9.58	163	343917	32.45	ng		99
50) 2,6-Dinitrotoluene	9.64	165	73607	33.20	ng		89
51) Acenaphthene	9.89	154	387606	37.60	ng		98
52) 3-Nitroaniline	9.81	138	55579	20.30	ng		98
53) 2,4-Dinitrophenol	9.92	184	89550	61.45	ng	#	52
54) Dibenzofuran	10.06	168	478713	34.83	ng		97
55) 4-Nitrophenol	9.97	139	130979	67.99	ng		98
56) 2,4-Dinitrotoluene	10.04	165	95003	33.95	ng	#	86
57) Fluorene	10.41	166	366028	34.87	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	85326	35.26	ng		99
59) Diethylphthalate	10.28	149	370775	35.33	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	148331	34.07	ng		98
61) 4-Nitroaniline	10.42	138	70362	28.79	ng		93
62) Azobenzene	10.56	77	428710	34.93	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	60430	38.93	ng		71
65) n-Nitrosodiphenylamine	10.52	169	321187	34.75	ng		97
66) 4-Bromophenyl-phenylether	10.89	248	91937	34.43	ng		93
67) Hexachlorobenzene	10.96	284	102839	35.26	ng	#	61
68) Atrazine	11.05	200	83719	34.80	ng		95
69) Pentachlorophenol	11.14	266	106821	67.21	ng		99
70) Phenanthrene	11.37	178	465125	33.36	ng		99
71) Anthracene	11.41	178	448848	33.14	ng		99
72) Carbazole	11.56	167	392741	30.74	ng		99
73) Di-n-butylphthalate	11.91	149	531787	35.15	ng		100
74) Fluoranthene	12.55	202	451971	33.29	ng		99
76) Benzidine	12.67	184	117228	18.19	ng		100
77) Pyrene	12.77	202	478565	40.07	ng		99
79) Butylbenzylphthalate	13.40	149	197262	40.39	ng	#	63
80) Benzo(a)anthracene	13.95	228	305568	34.31	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	69156	20.90	ng		97
82) Chrysene	14.00	228	303134	33.40	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	249106	38.19	ng		100
84) Di-n-octyl phthalate	14.57	149	437186	39.88	ng		100
85) Indeno(1,2,3-cd)pyrene	16.73	276	232721	31.23	ng		100
87) Benzo(b)fluoranthene	14.97	252	330165m	40.78	ng		
88) Benzo(k)fluoranthene	15.00	252	186385m	29.90	ng		
89) Benzo(a)pyrene	15.31	252	231420	35.02	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	196074	34.15	ng		97
91) Benzo(g,h,i)perylene	17.14	276	200195	36.07	ng		99

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

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