Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
Data File : BF079419.D
Acq On : 21 May 2015 22:58
Operator : TP/IZ
Sample : PB83529BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 22 01:24:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 01:11:00 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB83529BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.073	152	62466	20.00	ng		0.00
21) Naphthalene-d8	8.651	136	257330	20.00	ng		# 0.00
38) Acenaphthene-d10	10.811	164	123055	20.00	ng		-0.01
63) Phenanthrene-d10	12.651	188	241417	20.00	ng		0.00
75) Chrysene-d12	15.931	240	240816	20.00	ng		-0.03
86) Perylene-d12	17.646	264	242265	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.347	112	455152m	125.43	ng		0.00
7) Phenol-d6	6.650	99	589999	123.00	ng		0.00
23) Nitrobenzene-d5	7.770	82	328838	73.44	ng		0.00
41) 2,4,6-Tribromophenol	11.794	330	169949	127.66	ng		-0.01
44) 2-Fluorobiphenyl	9.999	172	687737	77.86	ng		0.00
78) Terphenyl-d14	14.651	244	797272	79.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.941	88	51232m	32.47	ng		
3) Pyridine	2.616	79	150351m	32.56	ng		
4) n-Nitrosodimethylamine	2.536	42	63295m	31.99	ng		
6) Aniline	6.662	93	117672	17.38	ng	#	1
8) 2-Chlorophenol	6.799	128	167409	40.67	ng		91
9) Benzaldehyde	6.513	77	28602m	8.85	ng		
10) Phenol	6.662	94	211500	38.01	ng		80
11) bis(2-Chloroethyl)ether	6.765	93	154063	37.77	ng		92
12) 1,3-Dichlorobenzene	6.993	146	173359	37.47	ng		98
13) 1,4-Dichlorobenzene	7.096	146	173092	36.36	ng		96
14) 1,2-Dichlorobenzene	7.268	146	164065	37.02	ng		95
15) Benzyl Alcohol	7.256	79	125374	35.21	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.439	45	228483	36.61	ng		96
17) 2-Methylphenol	7.416	107	128861	38.91	ng		98
18) Hexachloroethane	7.690	117	60922	37.15	ng		95
19) n-Nitroso-di-n-propyla...	7.599	70	116321	35.90	ng		90
20) 3+4-Methylphenols	7.610	107	172551	39.10	ng	#	43
22) Acetophenone	7.588	105	228526	39.31	ng	#	82
24) Nitrobenzene	7.793	77	164613	37.09	ng	#	78
25) Isophorone	8.090	82	311689	37.55	ng		96
26) 2-Nitrophenol	8.182	139	73885	40.22	ng	#	87
27) 2,4-Dimethylphenol	8.250	122	144779	39.39	ng		93
28) bis(2-Chloroethoxy)met...	8.376	93	198529	38.80	ng		99
29) 2,4-Dichlorophenol	8.491	162	133078	40.71	ng		88
30) 1,2,4-Trichlorobenzene	8.582	180	139469	38.84	ng		98
31) Naphthalene	8.673	128	474586	38.71	ng		99
32) Benzoic acid	8.376	122	74439m	34.39	ng		
33) 4-Chloroaniline	8.753	127	106498	20.53	ng		94
34) Hexachlorobutadiene	8.833	225	76144	36.82	ng		95
35) Caprolactam	9.176	113	40747	38.55	ng		97
36) 4-Chloro-3-methylphenol	9.371	107	141686	41.27	ng		95
37) 2-Methylnaphthalene	9.531	142	327013	38.49	ng		98
39) 1,2,4,5-Tetrachloroben...	9.736	216	131309	37.89	ng		97
40) Hexachlorocyclopentadiene	9.725	237	91172	52.32	ng		95
42) 2,4,6-Trichlorophenol	9.885	196	88719	37.24	ng		96
43) 2,4,5-Trichlorophenol	9.942	196	92298	38.32	ng		99
45) 1,1'-Biphenyl	10.114	154	387355	39.60	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	10.136	162	296926	38.91	ng		91
47) 2-Nitroaniline	10.274	65	85261	38.56	ng	#	53
48) Acenaphthylene	10.639	152	487310	38.90	ng		99
49) Dimethylphthalate	10.514	163	343774	38.06	ng	#	98
50) 2,6-Dinitrotoluene	10.582	165	73148	41.04	ng	#	82
51) Acenaphthene	10.856	154	280685	37.57	ng		99
52) 3-Nitroaniline	10.776	138	60825	27.32	ng		99
53) 2,4-Dinitrophenol	10.925	184	45169	67.20	ng	#	57
54) Dibenzofuran	11.074	168	435463	40.35	ng		98
55) 4-Nitrophenol	11.005	139	114898	65.20	ng		95
56) 2,4-Dinitrotoluene	11.074	165	94472	40.09	ng	#	45
57) Fluorene	11.497	166	348787	39.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.234	232	73785	37.48	ng		97
59) Diethylphthalate	11.382	149	352842	39.44	ng		100
60) 4-Chlorophenyl-phenyle...	11.508	204	157172	40.00	ng		97
61) 4-Nitroaniline	11.531	138	84550	37.96	ng		97
62) Azobenzene	11.702	77	349853	39.68	ng		97
64) 4,6-Dinitro-2-methylph...	11.577	198	38766	40.97	ng	#	38
65) n-Nitrosodiphenylamine	11.657	169	306162	38.08	ng		100
66) 4-Bromophenyl-phenylether	12.114	248	95718	38.04	ng	#	86
67) Hexachlorobenzene	12.171	284	111604	38.80	ng	#	73
68) Atrazine	12.331	200	91216	39.02	ng		98
69) Pentachlorophenol	12.422	266	97984	60.09	ng		96
70) Phenanthrene	12.685	178	503917	37.31	ng		99
71) Anthracene	12.742	178	514038	38.80	ng		100
72) Carbazole	12.960	167	500317	39.62	ng		99
73) Di-n-butylphthalate	13.417	149	587572	38.80	ng		99
74) Fluoranthene	14.160	202	563270	40.02	ng		92
76) Benzidine	14.343	184	229503	35.36	ng		97
77) Pyrene	14.434	202	577426	41.61	ng		99
79) Butylbenzylphthalate	15.268	149	262140	43.21	ng		96
80) Benzo(a)anthracene	15.920	228	521368	39.54	ng		99
81) 3,3'-Dichlorobenzidine	15.908	252	131376	27.97	ng		99
82) Chrysene	15.966	228	499093	39.35	ng		98
83) Bis(2-ethylhexyl)phtha...	15.988	149	385819	41.99	ng		100
84) Di-n-octyl phthalate	16.777	149	669649	41.38	ng		97
85) Indeno(1,2,3-cd)pyrene	18.994	276	644063	39.85	ng		99
87) Benzo(b)fluoranthene	17.211	252	528652	39.87	ng	#	96
88) Benzo(k)fluoranthene	17.246	252	531490m	41.40	ng		
89) Benzo(a)pyrene	17.589	252	522180	42.77	ng		98
90) Dibenzo(a,h)anthracene	19.017	278	532205	41.01	ng		99
91) Benzo(g,h,i)perylene	19.383	276	543441	41.78	ng		96

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

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