Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083128.D
Acq On : 22 Nov 2015 00:07
Operator : UM/IZ
Sample : PB86793BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:30 PM

Quant Time: Nov 22 09:40:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	203564	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	776697	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	390057	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	727913	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	645210	20.00	ng		-0.01
86) Perylene-d12	15.15	264	602067	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1290139	95.82	ng		-0.01
7) Phenol-d6	6.33	99	1729199	99.26	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1071174	63.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	361223	90.52	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1808457	64.65	ng		0.00
78) Terphenyl-d14	12.75	244	1769383	64.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	180542	27.07	ng		96
3) Pyridine	2.98	79	513134	29.13	ng		99
4) n-Nitrosodimethylamine	2.84	42	251191	30.92	ng		96
6) Aniline	6.33	93	399064	18.74	ng	#	23
8) 2-Chlorophenol	6.44	128	452167	31.08	ng		100
9) Benzaldehyde	6.20	77	304672	33.21	ng		91
10) Phenol	6.34	94	620458	29.44	ng	#	74
11) bis(2-Chloroethyl)ether	6.40	93	480125	31.90	ng		98
12) 1,3-Dichlorobenzene	6.59	146	504667m	30.38	ng		
13) 1,4-Dichlorobenzene	6.67	146	495520	29.49	ng		94
14) 1,2-Dichlorobenzene	6.82	146	453985	29.73	ng		98
15) Benzyl Alcohol	6.82	79	449398	30.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	780860	33.28	ng		84
17) 2-Methylphenol	6.95	107	381564	31.70	ng		98
18) Hexachloroethane	7.16	117	177134	29.93	ng	#	87
19) n-Nitroso-di-n-propylamine	7.08	70	352685	29.09	ng		99
20) 3+4-Methylphenols	7.10	107	512834	33.70	ng		92
22) Acetophenone	7.07	105	647220	29.03	ng	#	99
24) Nitrobenzene	7.24	77	560112	30.84	ng		98
25) Isophorone	7.50	82	952016	29.58	ng		97
26) 2-Nitrophenol	7.56	139	239823	29.91	ng		94
27) 2,4-Dimethylphenol	7.62	122	408993	31.96	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	587253	31.38	ng		99
29) 2,4-Dichlorophenol	7.82	162	399794	32.85	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	392726	29.38	ng		98
31) Naphthalene	7.96	128	1301738	31.05	ng		99
32) Benzoic acid	7.77	122	291622	29.32	ng		96
33) 4-Chloroaniline	8.03	127	224351	13.79	ng	#	86
34) Hexachlorobutadiene	8.09	225	237758	30.09	ng		99
35) Caprolactam	8.42	113	123056	31.55	ng		98
36) 4-Chloro-3-methylphenol	8.52	107	430968	30.57	ng		86
37) 2-Methylnaphthalene	8.66	142	831376m	30.56	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	379584	30.03	ng		97
40) Hexachlorocyclopentadiene	8.81	237	429095	59.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	285973	31.58	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	286150	30.91	ng		98
45) 1,1'-Biphenyl	9.12	154	996428	30.01	ng		97
46) 2-Chloronaphthalene	9.14	162	810622	31.09	ng		96
47) 2-Nitroaniline	9.24	65	283564	30.74	ng		99
48) Acenaphthylene	9.55	152	1243931	30.78	ng		99
49) Dimethylphthalate	9.44	163	1002274	33.38	ng		99
50) 2,6-Dinitrotoluene	9.48	165	202008	29.98	ng		93
51) Acenaphthene	9.72	154	753473	30.64	ng		99
52) 3-Nitroaniline	9.66	138	108131	15.05	ng	#	63
53) 2,4-Dinitrophenol	9.76	184	241936	62.32	ng	#	86
54) Dibenzofuran	9.90	168	1073349	30.86	ng		96
55) 4-Nitrophenol	9.85	139	333880	60.61	ng		98
56) 2,4-Dinitrotoluene	9.90	165	270227	31.65	ng	#	82
57) Fluorene	10.24	166	891385	31.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	244825	32.24	ng		99
59) Diethylphthalate	10.14	149	962315	32.19	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	420128	31.92	ng	#	84
61) 4-Nitroaniline	10.27	138	202892	28.69	ng		91
62) Azobenzene	10.40	77	1124321	32.95	ng		87
64) 4,6-Dinitro-2-methylphenol	10.30	198	170281	33.95	ng		96
65) n-Nitrosodiphenylamine	10.35	169	754661	30.48	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	250993	31.07	ng	#	85
67) Hexachlorobenzene	10.79	284	283515	31.87	ng	#	84
68) Atrazine	10.90	200	257658	35.84	ng		93
69) Pentachlorophenol	10.98	266	346102	59.74	ng		98
70) Phenanthrene	11.19	178	1311983	31.28	ng		99
71) Anthracene	11.24	178	1415122	33.07	ng		99
72) Carbazole	11.40	167	1209925	31.81	ng		99
73) Di-n-butylphthalate	11.75	149	1466023	31.58	ng		99
74) Fluoranthene	12.38	202	1429977	33.32	ng		95
76) Benzidine	12.50	184	561598	33.21	ng		99
77) Pyrene	12.59	202	1387791	31.48	ng		99
79) Butylbenzylphthalate	13.23	149	631166	30.25	ng		95
80) Benzo(a)anthracene	13.78	228	1307681	32.77	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	296790	21.37	ng		99
82) Chrysene	13.82	228	1078667	29.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	883762	32.44	ng	#	93
84) Di-n-octyl phthalate	14.41	149	1531489	32.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1139690	33.86	ng		98
87) Benzo(b)fluoranthene	14.79	252	1221216m	29.69	ng		
88) Benzo(k)fluoranthene	14.81	252	1016249m	33.16	ng		
89) Benzo(a)pyrene	15.11	252	1102704	32.47	ng	#	98
90) Dibenzo(a,h)anthracene	16.43	278	970231	31.45	ng	#	97
91) Benzo(g,h,i)perylene	16.80	276	932074	30.95	ng	#	96

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

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