Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075518.D
Acq On : 15 Nov 2014 2:41
Operator : TP / JJ
Sample : PB80231BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:15 PM

Quant Time: Nov 17 12:07:07 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	46784	20.00	ng		-0.03
21) Naphthalene-d8	9.13	136	211912	20.00	ng		-0.02
38) Acenaphthene-d10	11.30	164	108556	20.00	ng		-0.03
63) Phenanthrene-d10	13.16	188	181107	20.00	ng		-0.03
75) Chrysene-d12	16.45	240	196266	20.00	ng		-0.09
86) Perylene-d12	18.19	264	186578	20.00	ng		-0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	44321	16.74	ng		-0.02
7) Phenol-d6	7.09	99	57719	18.12	ng		-0.02
23) Nitrobenzene-d5	8.24	82	28947	10.01	ng		-0.02
41) 2,4,6-Tribromophenol	12.29	330	11922	13.11	ng		-0.03
44) 2-Fluorobiphenyl	10.47	172	63477	10.57	ng		-0.02
78) Terphenyl-d14	15.15	244	66410m	9.11	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	6928m	6.23	ng		
3) Pyridine	3.37	79	9661m	3.23	ng		
4) n-Nitrosodimethylamine	3.24	42	8453m	5.35	ng		
6) Aniline	7.13	93	17204	3.74	ng		97
8) 2-Chlorophenol	7.28	128	14645	4.78	ng		99
10) Phenol	7.10	94	19434	5.00	ng		95
11) bis(2-Chloroethyl)ether	7.22	93	14950	5.08	ng		98
12) 1,3-Dichlorobenzene	7.48	146	15841	4.74	ng		96
13) 1,4-Dichlorobenzene	7.57	146	17223	5.07	ng		98
14) 1,2-Dichlorobenzene	7.75	146	16079	5.05	ng		95
15) Benzyl Alcohol	7.72	79	10137	4.05	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.90	45	30826	5.06	ng		99
17) 2-Methylphenol	7.86	107	11641	4.59	ng		97
18) Hexachloroethane	8.17	117	5559	4.77	ng	#	85
19) n-Nitroso-di-n-propylamine	8.05	70	10218	4.71	ng	#	92
20) 3+4-Methylphenols	8.05	107	15653	4.71	ng	#	79
22) Acetophenone	8.05	105	22339	4.89	ng	#	79
24) Nitrobenzene	8.26	77	14906	4.45	ng		95
25) Isophorone	8.56	82	28756	4.36	ng		96
26) 2-Nitrophenol	8.65	139	6566	4.30	ng		93
27) 2,4-Dimethylphenol	8.71	122	12639	4.27	ng		99
28) bis(2-Chloroethoxy)methane	8.84	93	20253	5.04	ng		98
29) 2,4-Dichlorophenol	8.95	162	11215	4.33	ng		96
30) 1,2,4-Trichlorobenzene	9.06	180	12110	4.45	ng		95
31) Naphthalene	9.16	128	49433	5.23	ng		99
32) Benzoic acid	8.76	122	5928	3.32	ng		94
33) 4-Chloroaniline	9.22	127	14499	3.53	ng		98
34) Hexachlorobutadiene	9.30	225	5742	3.90	ng	#	91
35) Caprolactam	9.62	113	2929	3.41	ng	#	77
36) 4-Chloro-3-methylphenol	9.82	107	12444	4.38	ng		99
37) 2-Methylnaphthalene	10.01	142	29698	4.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	11588	5.19	ng		95
40) Hexachlorocyclopentadiene	10.21	237	11047	8.15	ng		97
42) 2,4,6-Trichlorophenol	10.37	196	6744	3.80	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.40	196	7514	4.07	ng	#	91
45) 1,1'-Biphenyl	10.60	154	37095	5.07	ng		98
46) 2-Chloronaphthalene	10.62	162	29661	5.18	ng		97
47) 2-Nitroaniline	10.74	65	7316	4.25	ng	#	67
48) Acenaphthylene	11.13	152	49400	5.23	ng		98
49) Dimethylphthalate	10.97	163	33517	4.52	ng		100
50) 2,6-Dinitrotoluene	11.05	165	5721	3.91	ng	#	65
51) Acenaphthene	11.35	154	29533	5.18	ng		98
52) 3-Nitroaniline	11.25	138	7097	4.12	ng		98
53) 2,4-Dinitrophenol	11.38	184	3424	7.34	ng	#	74
54) Dibenzofuran	11.57	168	39592	4.86	ng		91
55) 4-Nitrophenol	11.45	139	12079	8.77	ng	#	70
56) 2,4-Dinitrotoluene	11.54	165	8104	4.22	ng	#	78
57) Fluorene	11.99	166	32169	4.88	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.72	232	6248	4.26	ng	#	95
59) Diethylphthalate	11.85	149	32211	4.18	ng		99
60) 4-Chlorophenyl-phenylether	12.00	204	14472	5.11	ng	#	80
61) 4-Nitroaniline	12.00	138	7151	4.15	ng	#	85
62) Azobenzene	12.20	77	29319	4.33	ng		83
64) 4,6-Dinitro-2-methylphenol	12.05	198	2649	2.89	ng	#	70
65) n-Nitrosodiphenylamine	12.14	169	27440	4.79	ng		98
66) 4-Bromophenyl-phenylether	12.61	248	8526	5.00	ng		93
67) Hexachlorobenzene	12.67	284	9870	5.10	ng	#	91
68) Atrazine	12.80	200	6765	3.81	ng		96
69) Pentachlorophenol	12.92	266	8583	7.07	ng		97
70) Phenanthrene	13.19	178	48779	5.12	ng		97
71) Anthracene	13.25	178	47516	4.82	ng		96
72) Carbazole	13.45	167	43924	4.56	ng		99
73) Di-n-butylphthalate	13.90	149	49231	3.70	ng		99
74) Fluoranthene	14.67	202	46879	4.59	ng		99
76) Benzidine	14.84	184	20655m	3.31	ng		
77) Pyrene	14.95	202	52325m	4.59	ng		
79) Butylbenzylphthalate	15.76	149	20921	3.26	ng	#	88
80) Benzo(a)anthracene	16.44	228	45824	4.44	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	12700	3.34	ng	#	91
82) Chrysene	16.48	228	46528	5.22	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	33211	3.29	ng		94
84) Di-n-octyl phthalate	17.26	149	54828m	3.09	ng		
85) Indeno(1,2,3-cd)pyrene	19.73	276	50694m	4.69	ng		
87) Benzo(b)fluoranthene	17.72	252	47848	4.80	ng		98
88) Benzo(k)fluoranthene	17.75	252	43745m	4.89	ng		
89) Benzo(a)pyrene	18.12	252	44070	4.94	ng		95
90) Dibenzo(a,h)anthracene	19.76	278	45222	4.85	ng	#	94
91) Benzo(g,h,i)perylene	20.20	276	45259	5.10	ng		99

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

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