Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080978.D
Acq On : 13 Aug 2015 13:12
Operator : UM/IZ
Sample : PB84980BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:08:28 PM

Quant Time: Aug 14 01:14:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	48868	20.00	ng		-0.06
21) Naphthalene-d8	8.03	136	208502	20.00	ng		-0.07
38) Acenaphthene-d10	9.79	164	95566	20.00	ng		-0.06
63) Phenanthrene-d10	11.27	188	182994	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	186845	20.00	ng		-0.07
86) Perylene-d12	15.28	264	160297	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	300837	100.58	ng		-0.03
7) Phenol-d6	6.38	99	462439	112.83	ng		-0.06
23) Nitrobenzene-d5	7.32	82	295691	67.08	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	70766	67.40	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	570663	84.07	ng		-0.06
78) Terphenyl-d14	12.84	244	487832	53.93	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	41979	29.59	ng	#	91
3) Pyridine	3.01	79	127824	31.77	ng		92
4) n-Nitrosodimethylamine	2.96	42	81043	39.46	ng		88
6) Aniline	6.41	93	101678	16.89	ng	#	53
8) 2-Chlorophenol	6.53	128	121234	35.03	ng		92
9) Benzaldehyde	6.29	77	82925	30.02	ng		99
10) Phenol	6.40	94	133555	27.47	ng	#	72
11) bis(2-Chloroethyl)ether	6.49	93	105129	28.95	ng		93
12) 1,3-Dichlorobenzene	6.69	146	120630	32.84	ng		97
13) 1,4-Dichlorobenzene	6.76	146	112318m	29.43	ng		
14) 1,2-Dichlorobenzene	6.92	146	126610	36.70	ng		98
15) Benzyl Alcohol	6.90	79	134480	40.09	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	247929	33.94	ng		100
17) 2-Methylphenol	7.01	107	108565	36.75	ng	#	93
18) Hexachloroethane	7.26	117	48279	33.02	ng		93
19) n-Nitroso-di-n-propylamine	7.17	70	95815	31.98	ng		98
20) 3+4-Methylphenols	7.16	107	120338	32.43	ng	#	81
22) Acetophenone	7.16	105	159995	31.32	ng	#	99
24) Nitrobenzene	7.33	77	134276	29.59	ng		98
25) Isophorone	7.57	82	241230	28.46	ng	#	93
26) 2-Nitrophenol	7.65	139	72082	37.75	ng		98
27) 2,4-Dimethylphenol	7.70	122	143253	40.07	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	162931	32.02	ng		97
29) 2,4-Dichlorophenol	7.89	162	108131	36.81	ng		100
30) 1,2,4-Trichlorobenzene	7.97	180	112828	35.14	ng	#	95
31) Naphthalene	8.05	128	377944	32.89	ng		99
32) Benzoic acid	7.81	122	81962	38.29	ng		91
33) 4-Chloroaniline	8.11	127	57705	12.35	ng		94
34) Hexachlorobutadiene	8.18	225	66186	34.64	ng		97
35) Caprolactam	8.48	113	42755m	40.45	ng		
36) 4-Chloro-3-methylphenol	8.59	107	129577	36.14	ng		97
37) 2-Methylnaphthalene	8.75	142	274828	37.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	97156	32.98	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	130333	81.07	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	79086	36.63	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	75556	34.72	ng	#	74
45) 1,1'-Biphenyl	9.21	154	293644	35.80	ng		96
46) 2-Chloronaphthalene	9.23	162	218771	34.21	ng		93
47) 2-Nitroaniline	9.33	65	107215	41.82	ng		86
48) Acenaphthylene	9.64	152	391378	35.21	ng		99
49) Dimethylphthalate	9.52	163	259383	32.67	ng		99
50) 2,6-Dinitrotoluene	9.57	165	54840	33.44	ng		95
51) Acenaphthene	9.81	154	270951	39.80	ng		100
52) 3-Nitroaniline	9.73	138	32163	15.91	ng		85
53) 2,4-Dinitrophenol	9.85	184	69208	70.27	ng		93
54) Dibenzofuran	10.00	168	296177	32.17	ng		95
55) 4-Nitrophenol	9.90	139	92048	60.82	ng	#	47
56) 2,4-Dinitrotoluene	9.97	165	68511	31.22	ng		94
57) Fluorene	10.33	166	196295	27.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	54293m	31.53	ng		
59) Diethylphthalate	10.21	149	234229	28.35	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	104690	30.17	ng		93
61) 4-Nitroaniline	10.35	138	50031	24.05	ng		88
62) Azobenzene	10.49	77	285909	30.94	ng		97
64) 4,6-Dinitro-2-methylphenol	10.38	198	34886	30.76	ng	#	75
65) n-Nitrosodiphenylamine	10.44	169	175504	27.60	ng		97
66) 4-Bromophenyl-phenylether	10.82	248	45734	23.60	ng	#	83
67) Hexachlorobenzene	10.88	284	55913	25.95	ng	#	68
68) Atrazine	10.98	200	63062	33.83	ng		98
69) Pentachlorophenol	11.07	266	66230	52.86	ng		98
70) Phenanthrene	11.29	178	337221	32.54	ng		99
71) Anthracene	11.33	178	315006	30.71	ng		99
72) Carbazole	11.49	167	296766	29.71	ng	#	97
73) Di-n-butylphthalate	11.84	149	375576	30.07	ng		98
74) Fluoranthene	12.47	202	393526	35.13	ng		98
76) Benzidine	12.59	184	163947	16.97	ng		97
77) Pyrene	12.69	202	385062	27.90	ng		99
79) Butylbenzylphthalate	13.32	149	171365	25.75	ng	#	68
80) Benzo(a)anthracene	13.88	228	419463	35.54	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	66394	15.47	ng		99
82) Chrysene	13.92	228	404398	35.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	265664	28.69	ng	#	94
84) Di-n-octyl phthalate	14.50	149	473790	30.18	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	203566	18.93	ng		99
87) Benzo(b)fluoranthene	14.89	252	379379m	34.04	ng		
88) Benzo(k)fluoranthene	14.91	252	330243m	33.87	ng		
89) Benzo(a)pyrene	15.22	252	352295	36.77	ng	#	98
90) Dibenzo(a,h)anthracene	16.60	278	171294	20.22	ng		97
91) Benzo(g,h,i)perylene	16.98	276	159827	19.39	ng		99

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

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