Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080962.D
Acq On : 11 Aug 2015 15:25
Operator : UM/IZ
Sample : PB84904BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84904BS

Manual Integrations APPROVED
apatel
8/12/2015 8:33:38 AM

Quant Time: Aug 12 01:36:34 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	6.78	152	58741	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	234442	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	103598	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	214417	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	179012	20.00	ng		-0.03
86) Perylene-d12	15.32	264	159954	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	436048	121.29	ng		0.01
7) Phenol-d6	6.43	99	645721	131.07	ng		-0.01
23) Nitrobenzene-d5	7.36	82	406481	82.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	129402	113.70	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	611930	83.16	ng		-0.02
78) Terphenyl-d14	12.89	244	704528	81.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	61658	36.16	ng		98
3) Pyridine	3.14	79	174244	36.03	ng		99
4) n-Nitrosodimethylamine	3.09	42	101317	41.04	ng		98
6) Aniline	6.45	93	196769	27.18	ng		96
8) 2-Chlorophenol	6.57	128	152880	36.75	ng	#	80
9) Benzaldehyde	6.33	77	125172	37.69	ng		98
10) Phenol	6.44	94	249950	42.76	ng		80
11) bis(2-Chloroethyl)ether	6.52	93	153945	35.27	ng		91
12) 1,3-Dichlorobenzene	6.73	146	165951	37.59	ng		98
13) 1,4-Dichlorobenzene	6.81	146	161881	35.29	ng		99
14) 1,2-Dichlorobenzene	6.96	146	143322	34.56	ng		99
15) Benzyl Alcohol	6.93	79	144872	35.93	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	291345	33.18	ng		98
17) 2-Methylphenol	7.05	107	122970	34.63	ng	#	92
18) Hexachloroethane	7.30	117	61995	35.27	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	113962	31.65	ng		95
20) 3+4-Methylphenols	7.21	107	163930	36.75	ng	#	80
22) Acetophenone	7.20	105	214515	37.34	ng	#	96
24) Nitrobenzene	7.37	77	164314	32.20	ng		99
25) Isophorone	7.62	82	311235	32.65	ng		98
26) 2-Nitrophenol	7.69	139	75804	35.30	ng		97
27) 2,4-Dimethylphenol	7.73	122	147950	36.80	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	175818	30.73	ng		98
29) 2,4-Dichlorophenol	7.93	162	111810	33.85	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	136133	37.70	ng		99
31) Naphthalene	8.09	128	439152	33.98	ng		99
32) Benzoic acid	7.86	122	85748	35.63	ng		88
33) 4-Chloroaniline	8.14	127	100252	19.09	ng		96
34) Hexachlorobutadiene	8.21	225	70958	33.03	ng		98
35) Caprolactam	8.52	113	49597m	41.74	ng		
36) 4-Chloro-3-methylphenol	8.64	107	152872	37.92	ng		94
37) 2-Methylnaphthalene	8.78	142	299600	36.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	120012	37.58	ng		98
40) Hexachlorocyclopentadiene	8.94	237	160133	91.89	ng		96

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Quant Time: Aug 12 01:36:34 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)
42) 2,4,6-Trichlorophenol	9.07	196	92562	39.54	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	98152	41.61	ng	#	87
45) 1,1'-Biphenyl	9.25	154	393001	44.20	ng		99
46) 2-Chloronaphthalene	9.28	162	279539	40.33	ng		100
47) 2-Nitroaniline	9.37	65	103758	37.33	ng		95
48) Acenaphthylene	9.69	152	446670	37.06	ng		100
49) Dimethylphthalate	9.56	163	319281	37.10	ng	#	97
50) 2,6-Dinitrotoluene	9.62	165	68785	38.69	ng	#	51
51) Acenaphthene	9.86	154	303895	41.18	ng		99
52) 3-Nitroaniline	9.78	138	47052	21.47	ng		100
53) 2,4-Dinitrophenol	9.88	184	67426	63.78	ng	#	58
54) Dibenzofuran	10.03	168	380623	38.14	ng		98
55) 4-Nitrophenol	9.95	139	131425	80.11	ng	#	66
56) 2,4-Dinitrotoluene	10.02	165	99176	41.69	ng	#	75
57) Fluorene	10.37	166	313519	40.61	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	69678m	37.33	ng		
59) Diethylphthalate	10.26	149	331125	36.97	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	124538	33.11	ng		97
61) 4-Nitroaniline	10.40	138	76213	33.79	ng		97
62) Azobenzene	10.52	77	361063	36.05	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	43540	32.77	ng	#	63
65) n-Nitrosodiphenylamine	10.49	169	273682	36.74	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	84466	37.19	ng		99
67) Hexachlorobenzene	10.92	284	93852	37.17	ng		97
68) Atrazine	11.01	200	79579	36.44	ng		98
69) Pentachlorophenol	11.12	266	108303	73.77	ng		96
70) Phenanthrene	11.33	178	444212	36.59	ng		99
71) Anthracene	11.38	178	457547	38.06	ng		100
72) Carbazole	11.54	167	452321	38.65	ng		99
73) Di-n-butylphthalate	11.87	149	507985	34.71	ng		100
74) Fluoranthene	12.51	202	536468	40.87	ng		97
76) Benzidine	12.64	184	331260	45.96	ng		98
77) Pyrene	12.74	202	578875	43.77	ng		99
79) Butylbenzylphthalate	13.36	149	215404	33.79	ng	#	63
80) Benzo(a)anthracene	13.92	228	424704	37.56	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	73186	17.79	ng	#	96
82) Chrysene	13.95	228	398779	36.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	308125	34.74	ng	#	95
84) Di-n-octyl phthalate	14.53	149	509563	33.88	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	374865	36.38	ng		98
87) Benzo(b)fluoranthene	14.93	252	440582m	39.61	ng		
88) Benzo(k)fluoranthene	14.96	252	336545m	34.59	ng		
89) Benzo(a)pyrene	15.27	252	355222	37.16	ng	#	95
90) Dibenzo(a,h)anthracene	16.68	278	310531	36.73	ng		100
91) Benzo(g,h,i)perylene	17.07	276	305880	37.19	ng		96

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

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