Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079667.D
Acq On : 3 Jun 2015 17:45
Operator : TP/IZ
Sample : PB83719BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83719BS

Manual Integrations APPROVED
apatel
6/5/2015 8:06:07 AM

Quant Time: Jun 05 11:30:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 10:52:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	71595	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	270644	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	137173	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	264135	20.00	ng		-0.03
75) Chrysene-d12	15.13	240	298644	20.00	ng		-0.25
86) Perylene-d12	17.11	264	280033	20.00	ng		-0.38
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	417459	105.70	ng		0.00
7) Phenol-d6	7.11	99	546515	105.87	ng		0.00
23) Nitrobenzene-d5	8.08	82	494081	103.32	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	114103	100.79	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	1059431	119.60	ng		0.00
78) Terphenyl-d14	13.83	244	1377709	118.92	ng		-0.13
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	60722	33.26	ng		97
3) Pyridine	4.32	79	167607	31.93	ng		99
4) n-Nitrosodimethylamine	4.23	42	100717	43.05	ng		81
6) Aniline	7.18	93	230300	30.94	ng		100
8) 2-Chlorophenol	7.30	128	215353	46.92	ng		99
9) Benzaldehyde	7.06	77	65680	21.85	ng		99
10) Phenol	7.12	94	262801	47.26	ng		99
11) bis(2-Chloroethyl)ether	7.23	93	206359	46.56	ng		98
12) 1,3-Dichlorobenzene	7.46	146	221106	42.13	ng		100
13) 1,4-Dichlorobenzene	7.54	146	230714	42.99	ng		99
14) 1,2-Dichlorobenzene	7.70	146	211502	43.53	ng		99
15) Benzyl Alcohol	7.63	79	171889	45.47	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.78	45	334712	45.29	ng		100
17) 2-Methylphenol	7.74	107	172231	45.45	ng		99
18) Hexachloroethane	8.04	117	75379	42.90	ng		98
19) n-Nitroso-di-n-propylamine	7.91	70	165925	46.76	ng		98
20) 3+4-Methylphenols	7.88	107	225085	44.85	ng		98
22) Acetophenone	7.92	105	298747	47.17	ng		99
24) Nitrobenzene	8.09	77	205973	45.41	ng		100
25) Isophorone	8.33	82	412424	44.71	ng		99
26) 2-Nitrophenol	8.41	139	65790	43.92	ng		97
27) 2,4-Dimethylphenol	8.43	122	195609	46.33	ng		100
28) bis(2-Chloroethoxy)methane	8.52	93	235264	44.39	ng		99
29) 2,4-Dichlorophenol	8.65	162	184322	48.95	ng		98
30) 1,2,4-Trichlorobenzene	8.75	180	190603	44.92	ng		97
31) Naphthalene	8.83	128	617086	43.61	ng		100
32) Benzoic acid	8.48	122	64192m	51.51	ng		
33) 4-Chloroaniline	8.87	127	282364	36.70	ng		99
34) Hexachlorobutadiene	8.95	225	105559	44.38	ng		95
35) Caprolactam	9.20	113	48898	47.17	ng	#	53
36) 4-Chloro-3-methylphenol	9.32	107	175065	45.55	ng		97
37) 2-Methylnaphthalene	9.53	142	429052	45.46	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	206165	46.83	ng		99
40) Hexachlorocyclopentadiene	9.69	237	205071	97.71	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	118819	49.63	ng		99
43) 2,4,5-Trichlorophenol	9.84	196	140009	52.79	ng		99
45) 1,1'-Biphenyl	10.00	154	500825	47.35	ng		99
46) 2-Chloronaphthalene	10.02	162	388126	46.83	ng	#	89
47) 2-Nitroaniline	10.10	65	86468	50.67	ng		96
48) Acenaphthylene	10.46	152	629835	45.84	ng		99
49) Dimethylphthalate	10.27	163	472952	47.06	ng		99
50) 2,6-Dinitrotoluene	10.34	165	83417	52.25	ng		91
51) Acenaphthene	10.63	154	405691	48.73	ng		100
52) 3-Nitroaniline	10.51	138	88376	44.87	ng		91
53) 2,4-Dinitrophenol	10.62	184	43232	95.22	ng		92
54) Dibenzofuran	10.80	168	592247	49.01	ng		98
55) 4-Nitrophenol	10.65	139	173644	109.31	ng		88
56) 2,4-Dinitrotoluene	10.75	165	98356	48.49	ng		91
57) Fluorene	11.14	166	459182	46.50	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.90	232	98809	53.76	ng		99
59) Diethylphthalate	10.98	149	475770	49.29	ng		98
60) 4-Chlorophenyl-phenylether	11.13	204	214265	48.07	ng		92
61) 4-Nitroaniline	11.13	138	95329	49.07	ng		92
62) Azobenzene	11.29	77	438463	48.59	ng		88
64) 4,6-Dinitro-2-methylphenol	11.16	198	32510	43.31	ng	#	75
65) n-Nitrosodiphenylamine	11.23	169	392295	47.30	ng		98
66) 4-Bromophenyl-phenylether	11.62	248	129473	48.85	ng		97
67) Hexachlorobenzene	11.71	284	145712	46.79	ng	#	93
68) Atrazine	11.76	200	135299	63.69	ng		96
69) Pentachlorophenol	11.90	266	144426	126.60	ng		98
70) Phenanthrene	12.14	178	717311	49.12	ng		100
71) Anthracene	12.18	178	711873	48.45	ng		100
72) Carbazole	12.33	167	651651	48.30	ng		99
73) Di-n-butylphthalate	12.66	149	780528	52.78	ng	#	80
74) Fluoranthene	13.42	202	767681	48.75	ng		99
76) Benzidine	13.53	184	428347	63.05	ng		99
77) Pyrene	13.68	202	805672	46.85	ng		99
79) Butylbenzylphthalate	14.38	149	308557	51.19	ng		97
80) Benzo(a)anthracene	15.12	228	798015	48.86	ng		99
81) 3,3'-Dichlorobenzidine	15.05	252	231492	47.45	ng	#	98
82) Chrysene	15.17	228	767998	46.74	ng		99
83) Bis(2-ethylhexyl)phthalate	15.09	149	499325	50.76	ng		100
84) Di-n-octyl phthalate	15.90	149	821421	54.80	ng		98
85) Indeno(1,2,3-cd)pyrene	19.14	276	868190	54.03	ng		99
87) Benzo(b)fluoranthene	16.53	252	849675	58.72	ng		98
88) Benzo(k)fluoranthene	16.56	252	696605m	41.09	ng		
89) Benzo(a)pyrene	17.03	252	747954	52.86	ng		97
90) Dibenzo(a,h)anthracene	19.17	278	715685	53.98	ng		99
91) Benzo(g,h,i)perylene	19.75	276	729271	51.86	ng		98

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

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