Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
Data File : BF077422.D
Acq On : 24 Feb 2015 18:21
Operator : IZ / TP
Sample : PB81861BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81861BSD

Manual Integrations APPROVED
apatel
2/25/2015 3:33:36 PM

Quant Time: Feb 25 01:30:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 00:25:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	72656	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	288525	20.00	ng		-0.01
38) Acenaphthene-d10	11.05	164	147924	20.00	ng		-0.01
63) Phenanthrene-d10	12.90	188	288596	20.00	ng		0.00
75) Chrysene-d12	16.19	240	316099	20.00	ng		-0.03
86) Perylene-d12	17.92	264	322703	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	337620	77.58	ng		0.00
7) Phenol-d6	6.85	99	433923	77.55	ng		-0.01
23) Nitrobenzene-d5	8.00	82	317967	68.53	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	117086	82.20	ng		-0.01
44) 2-Fluorobiphenyl	10.22	172	723029	76.21	ng		0.00
78) Terphenyl-d14	14.89	244	886450	65.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	59190	32.05	ng		97
3) Pyridine	2.99	79	175517	33.22	ng		95
4) n-Nitrosodimethylamine	2.91	42	86122	37.49	ng		94
6) Aniline	6.89	93	148998	19.27	ng		98
8) 2-Chlorophenol	7.02	128	188189	36.65	ng		99
10) Phenol	6.86	94	228624	34.43	ng		92
11) bis(2-Chloroethyl)ether	6.99	93	180715	37.88	ng		98
12) 1,3-Dichlorobenzene	7.22	146	195155	34.91	ng		99
13) 1,4-Dichlorobenzene	7.32	146	205547	36.14	ng		98
14) 1,2-Dichlorobenzene	7.50	146	197439	36.49	ng		100
15) Benzyl Alcohol	7.48	79	157811	37.10	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.66	45	243065	35.64	ng		100
17) 2-Methylphenol	7.62	107	146606	36.53	ng		97
18) Hexachloroethane	7.93	117	69050	36.35	ng		99
19) n-Nitroso-di-n-propylamine	7.81	70	128894	36.27	ng		99
20) 3+4-Methylphenols	7.81	107	199227	37.69	ng		93
22) Acetophenone	7.80	105	248193	36.57	ng		95
24) Nitrobenzene	8.02	77	187457	38.40	ng		100
25) Isophorone	8.32	82	348490	37.86	ng		99
26) 2-Nitrophenol	8.41	139	88285	44.13	ng		100
27) 2,4-Dimethylphenol	8.46	122	167426	37.40	ng		97
28) bis(2-Chloroethoxy)methane	8.59	93	211436	36.36	ng		99
29) 2,4-Dichlorophenol	8.70	162	170921	40.68	ng		95
30) 1,2,4-Trichlorobenzene	8.81	180	171923	37.22	ng		98
31) Naphthalene	8.91	128	553142	38.34	ng		98
32) Benzoic acid	8.57	122	91793	42.20	ng		97
33) 4-Chloroaniline	8.98	127	133385	20.79	ng		97
34) Hexachlorobutadiene	9.06	225	95891	36.36	ng		99
35) Caprolactam	9.40	113	52343	40.81	ng	#	79
36) 4-Chloro-3-methylphenol	9.57	107	160092	37.90	ng		90
37) 2-Methylnaphthalene	9.77	142	389176	37.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	169364	39.90	ng		98
40) Hexachlorocyclopentadiene	9.96	237	181306	79.66	ng		99
42) 2,4,6-Trichlorophenol	10.11	196	120865	43.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.16	196	131097	43.62	ng	#	91
45) 1,1'-Biphenyl	10.35	154	454717	40.57	ng		99
46) 2-Chloronaphthalene	10.36	162	359189	40.87	ng		99
47) 2-Nitroaniline	10.49	65	97850	45.23	ng		97
48) Acenaphthylene	10.88	152	581611	41.80	ng		100
49) Dimethylphthalate	10.73	163	420518	40.44	ng		100
50) 2,6-Dinitrotoluene	10.81	165	92950	44.58	ng		97
51) Acenaphthene	11.09	154	350269	42.19	ng		99
52) 3-Nitroaniline	11.00	138	79677	33.14	ng		93
53) 2,4-Dinitrophenol	11.14	184	63085	99.42	ng		99
54) Dibenzofuran	11.31	168	546090	42.60	ng		97
55) 4-Nitrophenol	11.21	139	158109	81.76	ng	#	67
56) 2,4-Dinitrotoluene	11.30	165	135318	48.02	ng		100
57) Fluorene	11.73	166	432428	42.19	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.46	232	112733	46.65	ng		98
59) Diethylphthalate	11.61	149	410865	40.08	ng		99
60) 4-Chlorophenyl-phenylether	11.75	204	201136	40.73	ng		97
61) 4-Nitroaniline	11.76	138	99810	43.31	ng		94
62) Azobenzene	11.94	77	390459	40.15	ng		94
64) 4,6-Dinitro-2-methylphenol	11.79	198	41576	37.02	ng	#	27
65) n-Nitrosodiphenylamine	11.88	169	365475	38.17	ng		100
66) 4-Bromophenyl-phenylether	12.35	248	127635	37.77	ng	#	92
67) Hexachlorobenzene	12.41	284	138160	38.09	ng	#	89
68) Atrazine	12.56	200	114407	36.75	ng		98
69) Pentachlorophenol	12.66	266	156006	81.83	ng		98
70) Phenanthrene	12.92	178	638124	38.15	ng		99
71) Anthracene	12.99	178	662768	39.93	ng		99
72) Carbazole	13.20	167	623511	39.51	ng		99
73) Di-n-butylphthalate	13.64	149	677458	36.55	ng		99
74) Fluoranthene	14.41	202	729913	39.95	ng		96
76) Benzidine	14.58	184	340102	31.85	ng		98
77) Pyrene	14.68	202	742566	38.40	ng		99
79) Butylbenzylphthalate	15.51	149	292716	36.80	ng	#	85
80) Benzo(a)anthracene	16.17	228	710177	38.33	ng		100
81) 3,3'-Dichlorobenzidine	16.15	252	157111	23.14	ng	#	96
82) Chrysene	16.21	228	657719	37.81	ng		98
83) Bis(2-ethylhexyl)phthalate	16.23	149	407046	31.91	ng	#	95
84) Di-n-octyl phthalate	17.03	149	707751	33.23	ng		98
85) Indeno(1,2,3-cd)pyrene	19.39	276	815519m	41.12	ng		
87) Benzo(b)fluoranthene	17.47	252	711542	37.92	ng	#	98
88) Benzo(k)fluoranthene	17.51	252	716824m	38.98	ng		
89) Benzo(a)pyrene	17.85	252	686077	38.39	ng		97
90) Dibenzo(a,h)anthracene	19.43	278	659473	38.69	ng		97
91) Benzo(g,h,i)perylene	19.83	276	686846	39.92	ng		97

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

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