Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079680.D
Acq On : 4 Jun 2015 1:36
Operator : TP/IZ
Sample : G2408-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17DMS

Manual Integrations APPROVED
apatel
6/5/2015 8:09:29 AM

Quant Time: Jun 05 11:52:15 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	85821	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	321758	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	166750	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	324555	20.00	ng		-0.03
75) Chrysene-d12	14.98	240	329077m	20.00	ng		-0.40
86) Perylene-d12	16.89	264	323935m	20.00	ng		-0.59
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	528870	111.68	ng		0.00
7) Phenol-d6	7.11	99	668687	108.10	ng		0.00
23) Nitrobenzene-d5	8.08	82	356211	66.29	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	151108	109.80	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	813312	72.91	ng		0.00
78) Terphenyl-d14	13.75	244	992463	76.01	ng		-0.21
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	63017	28.79	ng		99
3) Pyridine	4.32	79	198872	31.61	ng		98
4) n-Nitrosodimethylamine	4.24	42	89649	31.96	ng		99
6) Aniline	7.18	93	179214	20.09	ng		97
8) 2-Chlorophenol	7.30	128	200881	36.51	ng		99
9) Benzaldehyde	7.06	77	17289	4.80	ng		99
10) Phenol	7.12	94	225193	33.79	ng		92
11) bis(2-Chloroethyl)ether	7.23	93	206328	38.83	ng		97
12) 1,3-Dichlorobenzene	7.46	146	215067	34.19	ng		99
13) 1,4-Dichlorobenzene	7.54	146	222022	34.51	ng		99
14) 1,2-Dichlorobenzene	7.69	146	203511m	34.94	ng		
15) Benzyl Alcohol	7.63	79	160236	35.36	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.78	45	319638	36.08	ng		99
17) 2-Methylphenol	7.74	107	155869	34.31	ng		99
18) Hexachloroethane	8.04	117	70839	33.64	ng		97
19) n-Nitroso-di-n-propylamine	7.91	70	156455	36.78	ng		99
20) 3+4-Methylphenols	7.88	107	215492	35.82	ng		99
22) Acetophenone	7.92	105	283656	37.67	ng		98
24) Nitrobenzene	8.09	77	188500	34.96	ng		99
25) Isophorone	8.33	82	408782	37.28	ng		100
26) 2-Nitrophenol	8.41	139	58679	32.95	ng		96
27) 2,4-Dimethylphenol	8.43	122	181167m	36.09	ng		
28) bis(2-Chloroethoxy)methane	8.52	93	228623	36.29	ng		99
29) 2,4-Dichlorophenol	8.65	162	168256	37.59	ng		99
30) 1,2,4-Trichlorobenzene	8.75	180	191184	37.90	ng		98
31) Naphthalene	8.83	128	597838	35.54	ng		100
32) Benzoic acid	8.47	122	21486m	19.65	ng		
33) 4-Chloroaniline	8.87	127	218390	23.88	ng		98
34) Hexachlorobutadiene	8.95	225	101765	35.99	ng		97
35) Caprolactam	9.20	113	48205	39.12	ng	#	79
36) 4-Chloro-3-methylphenol	9.32	107	164620	36.03	ng		98
37) 2-Methylnaphthalene	9.53	142	416063	37.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	197348	36.88	ng		98
40) Hexachlorocyclopentadiene	9.69	237	108224	42.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	116874	40.16	ng		98
43) 2,4,5-Trichlorophenol	9.84	196	128124	39.74	ng		96
45) 1,1'-Biphenyl	10.00	154	477285	37.12	ng		99
46) 2-Chloronaphthalene	10.02	162	367404	36.47	ng	#	89
47) 2-Nitroaniline	10.10	65	74022	35.68	ng		96
48) Acenaphthylene	10.46	152	606050	36.29	ng		99
49) Dimethylphthalate	10.27	163	545924	44.68	ng		100
50) 2,6-Dinitrotoluene	10.34	165	75735	39.02	ng		91
51) Acenaphthene	10.63	154	385134	38.05	ng		99
52) 3-Nitroaniline	10.51	138	73428	30.67	ng		94
53) 2,4-Dinitrophenol	10.62	184	15867	28.75	ng	#	1
54) Dibenzofuran	10.80	168	556710	37.90	ng		98
55) 4-Nitrophenol	10.65	139	145738	75.47	ng	#	80
56) 2,4-Dinitrotoluene	10.75	165	89552	38.93	ng		95
57) Fluorene	11.14	166	451856	37.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.91	232	94398	42.25	ng		99
59) Diethylphthalate	10.98	149	469653	40.03	ng		97
60) 4-Chlorophenyl-phenylether	11.13	204	202457	37.37	ng	#	90
61) 4-Nitroaniline	11.13	138	81120	34.35	ng		92
62) Azobenzene	11.29	77	407058	37.11	ng		85
64) 4,6-Dinitro-2-methylphenol	11.16	198	17096	23.11	ng		81
65) n-Nitrosodiphenylamine	11.23	169	373204	36.62	ng		99
66) 4-Bromophenyl-phenylether	11.62	248	134518	41.30	ng	#	88
67) Hexachlorobenzene	11.71	284	136420	35.65	ng	#	88
68) Atrazine	11.75	200	113731	43.57	ng		92
69) Pentachlorophenol	11.90	266	124675	88.94	ng		98
70) Phenanthrene	12.12	178	807552	45.00	ng		99
71) Anthracene	12.17	178	695286	38.51	ng		99
72) Carbazole	12.32	167	614054	37.04	ng		99
73) Di-n-butylphthalate	12.64	149	755960	41.60	ng	#	79
74) Fluoranthene	13.36	202	859754	44.44	ng		99
76) Benzidine	13.47	184	389303	52.00	ng		99
77) Pyrene	13.61	202	866960	45.76	ng		100
79) Butylbenzylphthalate	14.26	149	321931	48.97	ng		89
80) Benzo(a)anthracene	14.96	228	763097m	42.40	ng		
81) 3,3'-Dichlorobenzidine	14.90	252	234919m	43.70	ng		
82) Chrysene	15.01	228	725653m	40.08	ng		
83) Bis(2-ethylhexyl)phthalate	14.91	149	517471m	47.93	ng		
84) Di-n-octyl phthalate	15.69	149	859133m	52.55	ng		
85) Indeno(1,2,3-cd)pyrene	18.90	276	795879m	44.95	ng		
87) Benzo(b)fluoranthene	16.32	252	851736m	50.88	ng		
88) Benzo(k)fluoranthene	16.35	252	599679m	30.58	ng		
89) Benzo(a)pyrene	16.81	252	725007m	44.29	ng		
90) Dibenzo(a,h)anthracene	18.94	278	642780m	41.91	ng		
91) Benzo(g,h,i)perylene	19.52	276	669869m	41.18	ng		

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

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