Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079681.D
Acq On : 4 Jun 2015 2:04
Operator : TP/IZ
Sample : G2408-19MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-17DMSD

Manual Integrations APPROVED
apatel
6/5/2015 8:09:36 AM

Quant Time: Jun 05 11:55:37 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	74959	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	274272	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	138948	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	281634	20.00	ng		-0.03
75) Chrysene-d12	15.04	240	296655m	20.00	ng		-0.34
86) Perylene-d12	16.99	264	299583m	20.00	ng		-0.49
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	568034	137.20	ng		0.00
7) Phenol-d6	7.11	99	701395	130.23	ng		0.00
23) Nitrobenzene-d5	8.08	82	370037	79.31	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	156123	136.14	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	831024	91.01	ng		0.00
78) Terphenyl-d14	13.77	244	1033137	88.55	ng		-0.18
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	70724	37.00	ng		96
3) Pyridine	4.32	79	202337	36.82	ng		99
4) n-Nitrosodimethylamine	4.24	42	102179	41.71	ng		96
6) Aniline	7.18	93	150970	19.37	ng		98
8) 2-Chlorophenol	7.30	128	217714	45.30	ng		99
9) Benzaldehyde	7.06	77	18342	5.83	ng		98
10) Phenol	7.12	94	242132	41.59	ng		93
11) bis(2-Chloroethyl)ether	7.23	93	219250	47.24	ng		98
12) 1,3-Dichlorobenzene	7.46	146	233901	42.57	ng		99
13) 1,4-Dichlorobenzene	7.54	146	240976	42.88	ng		100
14) 1,2-Dichlorobenzene	7.69	146	219164m	43.08	ng		
15) Benzyl Alcohol	7.63	79	170456	43.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.78	45	334410	43.22	ng		99
17) 2-Methylphenol	7.74	107	166993	42.09	ng		98
18) Hexachloroethane	8.04	117	74198	40.34	ng		95
19) n-Nitroso-di-n-propylamine	7.91	70	166677	44.86	ng		98
20) 3+4-Methylphenols	7.88	107	228405	43.47	ng		99
22) Acetophenone	7.92	105	308211	48.02	ng	#	98
24) Nitrobenzene	8.09	77	206300	44.88	ng		99
25) Isophorone	8.33	82	424522	45.41	ng		100
26) 2-Nitrophenol	8.41	139	63417	41.78	ng		99
27) 2,4-Dimethylphenol	8.43	122	184448m	43.11	ng		
28) bis(2-Chloroethoxy)methane	8.52	93	239756	44.64	ng		99
29) 2,4-Dichlorophenol	8.65	162	176960	46.38	ng		98
30) 1,2,4-Trichlorobenzene	8.75	180	202332	47.05	ng		98
31) Naphthalene	8.83	128	640377	44.66	ng		100
32) Benzoic acid	8.47	122	20051m	21.19	ng		
33) 4-Chloroaniline	8.87	127	111053	14.24	ng		99
34) Hexachlorobutadiene	8.95	225	110044	45.66	ng		96
35) Caprolactam	9.20	113	51535	49.06	ng	#	79
36) 4-Chloro-3-methylphenol	9.32	107	172791	44.37	ng		97
37) 2-Methylnaphthalene	9.53	142	434491	45.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	207202	46.47	ng		99
40) Hexachlorocyclopentadiene	9.69	237	106034	49.88	ng		98

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42) 2,4,6-Trichlorophenol	9.80	196	120165	49.56	ng		99
43) 2,4,5-Trichlorophenol	9.84	196	134157	49.94	ng		97
45) 1,1'-Biphenyl	10.00	154	511103	47.70	ng		99
46) 2-Chloronaphthalene	10.03	162	388497	46.28	ng		99
47) 2-Nitroaniline	10.10	65	78616	45.48	ng		99
48) Acenaphthylene	10.46	152	623345	44.79	ng		100
49) Dimethylphthalate	10.27	163	533666	52.42	ng		99
50) 2,6-Dinitrotoluene	10.34	165	78509	48.55	ng		96
51) Acenaphthene	10.63	154	392398	46.53	ng		99
52) 3-Nitroaniline	10.51	138	68742	34.46	ng	#	94
53) 2,4-Dinitrophenol	10.62	184	11865	25.80	ng	#	1
54) Dibenzofuran	10.80	168	595495	48.65	ng		98
55) 4-Nitrophenol	10.65	139	151730	94.30	ng	#	73
56) 2,4-Dinitrotoluene	10.75	165	94682	46.66	ng		99
57) Fluorene	11.14	166	460238	46.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.91	232	97744	52.51	ng		96
59) Diethylphthalate	10.98	149	466865	47.75	ng		98
60) 4-Chlorophenyl-phenylether	11.13	204	212930	47.16	ng		92
61) 4-Nitroaniline	11.13	138	79522	40.41	ng		97
62) Azobenzene	11.29	77	422654	46.24	ng		88
64) 4,6-Dinitro-2-methylphenol	11.17	198	15273	23.56	ng		93
65) n-Nitrosodiphenylamine	11.23	169	374889	42.39	ng		99
66) 4-Bromophenyl-phenylether	11.62	248	128471	45.46	ng		92
67) Hexachlorobenzene	11.71	284	142140	42.80	ng	#	90
68) Atrazine	11.76	200	117246	51.76	ng		92
69) Pentachlorophenol	11.90	266	135599	111.47	ng		98
70) Phenanthrene	12.13	178	831364	53.39	ng		100
71) Anthracene	12.18	178	747334	47.70	ng		100
72) Carbazole	12.33	167	642321	44.65	ng		97
73) Di-n-butylphthalate	12.64	149	707783	44.89	ng	#	81
74) Fluoranthene	13.38	202	966411	57.56	ng		96
76) Benzidine	13.50	184	438478	64.97	ng		99
77) Pyrene	13.63	202	952853	55.79	ng		99
79) Butylbenzylphthalate	14.31	149	341551	55.84	ng		90
80) Benzo(a)anthracene	15.03	228	858273m	52.90	ng		
81) 3,3'-Dichlorobenzidine	14.97	252	252034m	52.01	ng		
82) Chrysene	15.07	228	816346m	50.02	ng		
83) Bis(2-ethylhexyl)phthalate	14.98	149	523222m	53.36	ng		
84) Di-n-octyl phthalate	15.78	149	912446m	59.91	ng		
85) Indeno(1,2,3-cd)pyrene	19.02	276	917587m	57.49	ng		
87) Benzo(b)fluoranthene	16.41	252	919416m	59.39	ng		
88) Benzo(k)fluoranthene	16.45	252	737021m	40.63	ng		
89) Benzo(a)pyrene	16.91	252	838363m	55.38	ng		
90) Dibenzo(a,h)anthracene	19.04	278	743946m	52.45	ng		
91) Benzo(g,h,i)perylene	19.63	276	754775m	50.17	ng		

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

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