Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086760.D
Acq On : 7 May 2016 8:32
Operator : UM/SJ
Sample : H2863-01MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:31 PM

Quant Time: May 07 23:17:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173925	40.00	ng		-0.03
21) Naphthalene-d8	8.00	136	725877	40.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	337718	40.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	561368	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	378475	40.00	ng		-0.03
86) Perylene-d12	15.23	264	329928	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1211738	115.34	ng		0.00
7) Phenol-d6	6.37	99	1606663	113.53	ng		0.00
23) Nitrobenzene-d5	7.28	82	1027363	72.73	ng		-0.03
41) 2,4,6-Tribromophenol	10.53	330	353974	107.15	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1481270	71.90	ng		-0.03
78) Terphenyl-d14	12.81	244	1422806	75.98	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	158400	29.17	ng	#	75
3) Pyridine	3.02	79	301209	22.62	ng	#	66
4) n-Nitrosodimethylamine	2.93	42	310107	38.40	ng	#	49
6) Aniline	6.38	93	217318	12.44	ng	#	1
8) 2-Chlorophenol	6.50	128	477232	37.85	ng		98
9) Benzaldehyde	6.26	77	48505	6.87	ng		99
10) Phenol	6.38	94	591253	38.19	ng		85
11) bis(2-Chloroethyl)ether	6.45	93	526309	39.49	ng		91
12) 1,3-Dichlorobenzene	6.65	146	485434	36.26	ng		99
13) 1,4-Dichlorobenzene	6.72	146	484034m	34.97	ng		
14) 1,2-Dichlorobenzene	6.88	146	460800	38.23	ng		100
15) Benzyl Alcohol	6.86	79	384379	41.98	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.99	45	975130	35.79	ng		62
17) 2-Methylphenol	6.99	107	379036	37.34	ng	#	82
18) Hexachloroethane	7.22	117	192094	36.76	ng	#	82
19) n-Nitroso-di-n-propylamine	7.14	70	382919	39.60	ng	#	78
20) 3+4-Methylphenols	7.14	107	490283	41.25	ng	#	72
22) Acetophenone	7.13	105	663772	39.24	ng		99
24) Nitrobenzene	7.30	77	571782	39.15	ng		97
25) Isophorone	7.54	82	953175	36.23	ng		98
26) 2-Nitrophenol	7.62	139	253291	38.87	ng		97
27) 2,4-Dimethylphenol	7.66	122	394525	34.48	ng		88
28) bis(2-Chloroethoxy)methane	7.76	93	614259	42.43	ng		98
29) 2,4-Dichlorophenol	7.86	162	381753	38.81	ng		95
30) 1,2,4-Trichlorobenzene	7.94	180	422892	38.53	ng		99
31) Naphthalene	8.02	128	1384509	37.33	ng		100
32) Benzoic acid	7.79	122	108859	28.53	ng	#	81
33) 4-Chloroaniline	8.08	127	64448	4.49	ng	#	90
34) Hexachlorobutadiene	8.13	225	241191	38.71	ng		96
35) Caprolactam	8.46	113	114110m	37.48	ng		
36) 4-Chloro-3-methylphenol	8.58	107	458822	40.88	ng		95
37) 2-Methylnaphthalene	8.70	142	873023	39.90	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	369603	37.81	ng		98
40) Hexachlorocyclopentadiene	8.85	237	414039	90.98	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	252635	40.64	ng		96
43) 2,4,5-Trichlorophenol	9.04	196	254487	39.19	ng	#	78
45) 1,1'-Biphenyl	9.17	154	1131818	40.99	ng		98
46) 2-Chloronaphthalene	9.20	162	844682	39.64	ng		98
47) 2-Nitroaniline	9.30	65	277476	36.63	ng	#	76
48) Acenaphthylene	9.61	152	1273586	40.27	ng		100
49) Dimethylphthalate	9.48	163	1082450	42.99	ng		99
50) 2,6-Dinitrotoluene	9.54	165	194517	36.00	ng	#	71
51) Acenaphthene	9.78	154	796464	38.17	ng		98
52) 3-Nitroaniline	9.71	138	90008	14.65	ng	#	78
53) 2,4-Dinitrophenol	9.82	184	183120	81.51	ng	#	80
54) Dibenzofuran	9.95	168	1080211	41.77	ng		95
55) 4-Nitrophenol	9.89	139	223561	62.43	ng	#	37
56) 2,4-Dinitrotoluene	9.95	165	250305	37.38	ng	#	81
57) Fluorene	10.29	166	868002	41.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	230793	48.39	ng		99
59) Diethylphthalate	10.18	149	916160	38.45	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	354826	35.61	ng		99
61) 4-Nitroaniline	10.33	138	195485	33.12	ng	#	69
62) Azobenzene	10.44	77	1047520	39.67	ng		85
64) 4,6-Dinitro-2-methylphenol	10.35	198	148677	51.17	ng	#	49
65) n-Nitrosodiphenylamine	10.41	169	703845	39.49	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	242203	43.42	ng		90
67) Hexachlorobenzene	10.83	284	251581	36.98	ng	#	69
68) Atrazine	10.94	200	251571	46.05	ng		95
69) Pentachlorophenol	11.04	266	296307	89.04	ng		98
70) Phenanthrene	11.24	178	1135394	37.65	ng		100
71) Anthracene	11.30	178	1264870	40.06	ng		100
72) Carbazole	11.46	167	1052899	38.40	ng		99
73) Di-n-butylphthalate	11.79	149	1237074	38.00	ng	#	98
74) Fluoranthene	12.43	202	1239392	41.01	ng		94
76) Benzidine	12.57	184	45182	10.81	ng		98
77) Pyrene	12.66	202	1215989	40.30	ng		99
79) Butylbenzylphthalate	13.28	149	532162	42.11	ng	#	63
80) Benzo(a)anthracene	13.84	228	834749	39.00	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	136435	10.14	ng	#	95
82) Chrysene	13.87	228	872423	38.20	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	671551	45.92	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1250519	58.11	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.53	276	726489	37.08	ng		95
87) Benzo(b)fluoranthene	14.84	252	725029m	36.57	ng		
88) Benzo(k)fluoranthene	14.88	252	815098m	43.64	ng		
89) Benzo(a)pyrene	15.17	252	716204	39.22	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	602578	34.35	ng		99
91) Benzo(g,h,i)perylene	16.91	276	592010	32.14	ng		95

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

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