Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086761.D
Acq On : 7 May 2016 9:00
Operator : UM/SJ
Sample : H2863-01MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MSD

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:32 PM

Quant Time: May 07 23:21:23 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	169346	40.00	ng		-0.03
21) Naphthalene-d8	8.00	136	714814	40.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	322734	40.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	551692	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	352673	40.00	ng		-0.03
86) Perylene-d12	15.23	264	327997	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1447789	141.53	ng		0.00
7) Phenol-d6	6.37	99	1780192	129.19	ng		0.00
23) Nitrobenzene-d5	7.29	82	1353186	97.28	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	426952	135.24	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1733348	88.04	ng		-0.03
78) Terphenyl-d14	12.81	244	1643261	94.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	182051	34.43	ng	#	71
3) Pyridine	3.01	79	423515	32.67	ng	#	70
4) n-Nitrosodimethylamine	2.94	42	408382	51.93	ng	#	54
6) Aniline	6.38	93	237619	13.97	ng	#	1
8) 2-Chlorophenol	6.50	128	568029	46.27	ng		92
9) Benzaldehyde	6.26	77	60542	8.81	ng		96
10) Phenol	6.38	94	748921	49.68	ng		73
11) bis(2-Chloroethyl)ether	6.45	93	553038	42.62	ng		86
12) 1,3-Dichlorobenzene	6.65	146	606949	46.56	ng		99
13) 1,4-Dichlorobenzene	6.73	146	601210	44.61	ng		100
14) 1,2-Dichlorobenzene	6.88	146	524595	44.70	ng		97
15) Benzyl Alcohol	6.86	79	460189	51.62	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1189402	44.83	ng	#	51
17) 2-Methylphenol	6.99	107	471849	47.74	ng	#	82
18) Hexachloroethane	7.22	117	238616	46.90	ng	#	86
19) n-Nitroso-di-n-propylamine	7.14	70	440717	46.81	ng	#	70
20) 3+4-Methylphenols	7.15	107	614266	53.08	ng	#	59
22) Acetophenone	7.13	105	817950	49.11	ng		98
24) Nitrobenzene	7.30	77	647489	45.02	ng		98
25) Isophorone	7.54	82	1198089	46.25	ng		98
26) 2-Nitrophenol	7.62	139	324412	50.56	ng	#	91
27) 2,4-Dimethylphenol	7.66	122	508141	45.10	ng		88
28) bis(2-Chloroethoxy)methane	7.76	93	727290	51.01	ng		98
29) 2,4-Dichlorophenol	7.87	162	467317	48.24	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	517206	47.86	ng		98
31) Naphthalene	8.02	128	1713527	46.92	ng		99
32) Benzoic acid	7.80	122	152664	37.06	ng	#	82
33) 4-Chloroaniline	8.09	127	62361	4.41	ng	#	94
34) Hexachlorobutadiene	8.13	225	290556	47.35	ng		98
35) Caprolactam	8.48	113	161327m	53.80	ng		
36) 4-Chloro-3-methylphenol	8.58	107	505219	45.71	ng		90
37) 2-Methylnaphthalene	8.70	142	1017207	47.21	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	458472	49.08	ng		98
40) Hexachlorocyclopentadiene	8.85	237	528802	119.53	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	310049	52.19	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	333249	53.70	ng		95
45) 1,1'-Biphenyl	9.17	154	1340460	50.80	ng		98
46) 2-Chloronaphthalene	9.20	162	1013642	49.78	ng		96
47) 2-Nitroaniline	9.30	65	334979	46.28	ng	#	73
48) Acenaphthylene	9.61	152	1404595	46.47	ng		99
49) Dimethylphthalate	9.48	163	1343158	55.83	ng		99
50) 2,6-Dinitrotoluene	9.55	165	267610	51.83	ng	#	69
51) Acenaphthene	9.78	154	933404	46.81	ng		99
52) 3-Nitroaniline	9.71	138	94859	16.16	ng	#	72
53) 2,4-Dinitrophenol	9.82	184	275066	106.73	ng		89
54) Dibenzofuran	9.95	168	1204044	48.72	ng		93
55) 4-Nitrophenol	9.90	139	315725	92.26	ng	#	55
56) 2,4-Dinitrotoluene	9.95	165	323840	50.61	ng	#	84
57) Fluorene	10.29	166	1021042	50.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	263023	57.71	ng		94
59) Diethylphthalate	10.18	149	1023609	44.95	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	427117	44.86	ng		95
61) 4-Nitroaniline	10.34	138	255065	45.23	ng	#	74
62) Azobenzene	10.44	77	1237358	49.03	ng		85
64) 4,6-Dinitro-2-methylphenol	10.36	198	199346	64.06	ng		79
65) n-Nitrosodiphenylamine	10.41	169	833338	47.57	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	282146	51.46	ng		96
67) Hexachlorobenzene	10.83	284	312428	46.73	ng	#	63
68) Atrazine	10.94	200	267901	49.90	ng		95
69) Pentachlorophenol	11.04	266	346809	104.93	ng		98
70) Phenanthrene	11.25	178	1497050	50.52	ng		99
71) Anthracene	11.30	178	1401142	45.15	ng		99
72) Carbazole	11.46	167	1234534	45.81	ng		98
73) Di-n-butylphthalate	11.79	149	1473257	46.05	ng	#	98
74) Fluoranthene	12.43	202	1479268	49.81	ng		95
76) Benzidine	12.57	184	121074	17.77	ng		97
77) Pyrene	12.66	202	1525128	54.24	ng		100
79) Butylbenzylphthalate	13.29	149	678007	57.57	ng		98
80) Benzo(a)anthracene	13.84	228	1015211	50.90	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	159918	12.76	ng	#	95
82) Chrysene	13.88	228	1170524	55.01	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	872707	64.04	ng	#	100
84) Di-n-octyl phthalate	14.45	149	1512330	75.42	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.53	276	942259	51.61	ng		95
87) Benzo(b)fluoranthene	14.85	252	1187351m	60.24	ng		
88) Benzo(k)fluoranthene	14.88	252	790533m	42.57	ng		
89) Benzo(a)pyrene	15.17	252	903325	49.76	ng		97
90) Dibenzo(a,h)anthracene	16.55	278	791592	45.39	ng	#	94
91) Benzo(g,h,i)perylene	16.92	276	775873	42.38	ng	#	92

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

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