Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088875.D
Acq On : 9 Jul 2016 17:08
Operator : UM/SJ
Sample : H3813-08MSD 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01MSD

Manual Integrations APPROVED
sohil
7/11/2016 8:07:28 PM

Quant Time: Jul 11 15:37:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70766	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	259372	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	129548	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	269778	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	213286	20.00	ng		-0.02
86) Perylene-d12	15.22	264	150175	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	20432	4.33	ng		-0.03
7) Phenol-d6	6.34	99	27371	4.49	ng		-0.03
23) Nitrobenzene-d5	7.28	82	17420	3.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	5646	4.69	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	34008	4.15	ng		-0.02
78) Terphenyl-d14	12.81	244	37137	3.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	2644	1.13	ng	#	33
3) Pyridine	2.96	79	2423	0.36	ng	#	79
4) n-Nitrosodimethylamine	2.86	42	1134	0.44	ng	#	80
6) Aniline	6.38	93	3300	0.37	ng		98
8) 2-Chlorophenol	6.49	128	3834	0.76	ng		92
9) Benzaldehyde	6.25	77	2501	0.61	ng		83
10) Phenol	6.36	94	5057	0.73	ng	#	72
11) bis(2-Chloroethyl)ether	6.44	93	3810	0.73	ng		93
12) 1,3-Dichlorobenzene	6.65	146	4062	0.73	ng	#	93
13) 1,4-Dichlorobenzene	6.73	146	4065	0.73	ng		91
14) 1,2-Dichlorobenzene	6.89	146	4181	0.81	ng		93
15) Benzyl Alcohol	6.86	79	3410	0.76	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	4686	0.62	ng		89
17) 2-Methylphenol	6.98	107	2966	0.72	ng		94
18) Hexachloroethane	7.23	117	1597	0.74	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	2912	0.71	ng	#	86
20) 3+4-Methylphenols	7.13	107	4412	0.89	ng		87
22) Acetophenone	7.13	105	5635	0.90	ng	#	88
24) Nitrobenzene	7.29	77	4008	0.80	ng	#	84
25) Isophorone	7.54	82	7219	0.79	ng	#	95
26) 2-Nitrophenol	7.62	139	1614	0.79	ng	#	83
27) 2,4-Dimethylphenol	7.67	122	3155	0.74	ng		86
28) bis(2-Chloroethoxy)methane	7.76	93	5664	0.95	ng	#	89
29) 2,4-Dichlorophenol	7.86	162	2813	0.82	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	3280	0.87	ng		97
31) Naphthalene	8.02	128	13115	1.03	ng		99
33) 4-Chloroaniline	8.08	127	2848	0.50	ng		94
34) Hexachlorobutadiene	8.15	225	1809	0.89	ng		98
35) Caprolactam	8.39	113	676	0.58	ng	#	83
36) 4-Chloro-3-methylphenol	8.56	107	3638	0.89	ng		97
37) 2-Methylnaphthalene	8.72	142	7458	0.91	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3576	0.83	ng	#	1
40) Hexachlorocyclopentadiene	8.87	237	1690	0.80	ng		93
42) 2,4,6-Trichlorophenol	8.99	196	1996	0.70	ng		98

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Quant Time: Jul 11 15:37:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	1847	0.76	ng	#	79
45) 1,1'-Biphenyl	9.18	154	10426	0.97	ng		99
46) 2-Chloronaphthalene	9.20	162	7864	0.93	ng		99
47) 2-Nitroaniline	9.29	65	2037	0.68	ng		93
48) Acenaphthylene	9.61	152	13279	0.99	ng		97
49) Dimethylphthalate	9.47	163	11309	1.23	ng		97
50) 2,6-Dinitrotoluene	9.53	165	1537	0.75	ng	#	30
51) Acenaphthene	9.78	154	8566	1.04	ng		98
52) 3-Nitroaniline	9.70	138	1727	0.66	ng	#	96
54) Dibenzofuran	9.95	168	12306	1.14	ng	#	90
55) 4-Nitrophenol	9.86	139	2468	1.25	ng	#	79
56) 2,4-Dinitrotoluene	9.93	165	1979	0.74	ng	#	21
57) Fluorene	10.30	166	9454	1.14	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1095	0.58	ng	#	61
59) Diethylphthalate	10.17	149	9270	1.00	ng	#	94
60) 4-Chlorophenyl-phenylether	10.30	204	4253	1.10	ng		89
61) 4-Nitroaniline	10.30	138	1758	0.70	ng	#	76
62) Azobenzene	10.44	77	8836	0.84	ng		91
65) n-Nitrosodiphenylamine	10.41	169	7633	0.84	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	2384	0.88	ng	#	67
67) Hexachlorobenzene	10.84	284	2840	0.94	ng	#	77
68) Atrazine	10.94	200	2319	0.82	ng		92
69) Pentachlorophenol	11.04	266	658	0.37	ng		88
70) Phenanthrene	11.24	178	13811	0.94	ng		98
71) Anthracene	11.30	178	14041	0.96	ng		98
72) Carbazole	11.45	167	11606	0.84	ng		95
73) Di-n-butylphthalate	11.80	149	15519	0.97	ng		98
74) Fluoranthene	12.43	202	13649	0.91	ng		94
76) Benzidine	12.56	184	671	0.06	ng	#	66
77) Pyrene	12.65	202	13511	0.75	ng		100
79) Butylbenzylphthalate	13.29	149	5568	0.69	ng		93
80) Benzo(a)anthracene	13.84	228	11745	0.86	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	1819	0.35	ng	#	92
82) Chrysene	13.87	228	10041	0.74	ng		97
83) Bis(2-ethylhexyl)phthalate	13.85	149	8275	0.90	ng	#	98
84) Di-n-octyl phthalate	14.46	149	10651	0.68	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	7153	0.68	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	8422m	0.89	ng		
88) Benzo(k)fluoranthene	14.87	252	6073m	0.74	ng		
89) Benzo(a)pyrene	15.17	252	6432	0.81	ng		97
90) Dibenzo(a,h)anthracene	16.53	278	5761	0.86	ng	#	93
91) Benzo(g,h,i)perylene	16.89	276	6257	0.91	ng		95

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

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