Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088874.D
Acq On : 9 Jul 2016 16:38
Operator : UM/SJ
Sample : H3813-07MS 25X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01MS

Manual Integrations APPROVED
sohil
7/11/2016 8:07:25 PM

Quant Time: Jul 11 15:35:41 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	69394	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	264028	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	129144	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	263268	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	212765	20.00	ng		-0.02
86) Perylene-d12	15.22	264	148272	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	18119	3.91	ng		-0.03
7) Phenol-d6	6.34	99	25274	4.22	ng		-0.03
23) Nitrobenzene-d5	7.28	82	15942	3.16	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	5168	4.31	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	32255	3.95	ng		-0.02
78) Terphenyl-d14	12.81	244	33654	3.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	2188	0.95	ng	#	31
3) Pyridine	2.97	79	1404	0.21	ng	#	80
4) n-Nitrosodimethylamine	2.86	42	818	0.32	ng	#	82
6) Aniline	6.38	93	2531	0.29	ng		97
8) 2-Chlorophenol	6.49	128	3312	0.67	ng		92
9) Benzaldehyde	6.25	77	2337	0.58	ng	#	72
10) Phenol	6.36	94	4347	0.64	ng		75
11) bis(2-Chloroethyl)ether	6.44	93	3369	0.66	ng		87
12) 1,3-Dichlorobenzene	6.65	146	3672	0.67	ng	#	95
13) 1,4-Dichlorobenzene	6.73	146	3548	0.65	ng		93
14) 1,2-Dichlorobenzene	6.89	146	3509	0.69	ng	#	94
15) Benzyl Alcohol	6.86	79	3101	0.70	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.00	45	4116	0.56	ng		86
17) 2-Methylphenol	6.98	107	2614	0.64	ng		92
18) Hexachloroethane	7.23	117	1394	0.66	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	2637	0.66	ng	#	87
20) 3+4-Methylphenols	7.13	107	4150	0.85	ng	#	86
22) Acetophenone	7.13	105	5046	0.79	ng	#	92
24) Nitrobenzene	7.29	77	3527	0.69	ng	#	79
25) Isophorone	7.54	82	6635	0.71	ng		93
26) 2-Nitrophenol	7.62	139	1411	0.68	ng	#	82
27) 2,4-Dimethylphenol	7.67	122	2599	0.60	ng		89
28) bis(2-Chloroethoxy)methane	7.76	93	5131	0.84	ng	#	92
29) 2,4-Dichlorophenol	7.86	162	2315	0.66	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	2908	0.76	ng		98
31) Naphthalene	8.02	128	11381	0.87	ng		99
33) 4-Chloroaniline	8.08	127	2707	0.47	ng	#	93
34) Hexachlorobutadiene	8.15	225	1710	0.83	ng		97
35) Caprolactam	8.39	113	593	0.50	ng		95
36) 4-Chloro-3-methylphenol	8.56	107	3133	0.76	ng		95
37) 2-Methylnaphthalene	8.72	142	6635	0.79	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3192	0.74	ng	#	1
40) Hexachlorocyclopentadiene	8.87	237	1299	0.62	ng		85
42) 2,4,6-Trichlorophenol	8.99	196	1734	0.61	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	1462	0.60	ng	#	76
45) 1,1'-Biphenyl	9.18	154	9544	0.89	ng		98
46) 2-Chloronaphthalene	9.20	162	7373	0.88	ng		95
47) 2-Nitroaniline	9.29	65	1861	0.62	ng		89
48) Acenaphthylene	9.61	152	11235	0.84	ng		96
49) Dimethylphthalate	9.47	163	10214	1.11	ng		100
50) 2,6-Dinitrotoluene	9.53	165	1455	0.71	ng	#	12
51) Acenaphthene	9.78	154	7386	0.90	ng		99
52) 3-Nitroaniline	9.70	138	1427	0.55	ng	#	93
54) Dibenzofuran	9.95	168	10994	1.03	ng	#	91
55) 4-Nitrophenol	9.87	139	2161	1.10	ng		86
56) 2,4-Dinitrotoluene	9.93	165	1736	0.65	ng	#	16
57) Fluorene	10.30	166	8357	1.01	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1008	0.53	ng	#	60
59) Diethylphthalate	10.17	149	7961	0.86	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	3709	0.97	ng		89
61) 4-Nitroaniline	10.30	138	1482	0.59	ng	#	77
62) Azobenzene	10.44	77	8080	0.77	ng		90
65) n-Nitrosodiphenylamine	10.41	169	6839	0.77	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	2043	0.77	ng	#	70
67) Hexachlorobenzene	10.84	284	2222	0.76	ng	#	81
68) Atrazine	10.94	200	2055	0.74	ng		98
69) Pentachlorophenol	11.04	266	561	0.32	ng		92
70) Phenanthrene	11.24	178	11935	0.83	ng		98
71) Anthracene	11.30	178	12156	0.85	ng		97
72) Carbazole	11.45	167	10632	0.79	ng		98
73) Di-n-butylphthalate	11.80	149	15027	0.96	ng		97
74) Fluoranthene	12.43	202	12517	0.86	ng		95
76) Benzidine	12.56	184	972	0.09	ng	#	66
77) Pyrene	12.65	202	12359	0.69	ng		97
79) Butylbenzylphthalate	13.29	149	5093	0.63	ng		98
80) Benzo(a)anthracene	13.84	228	10725	0.78	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	1844	0.36	ng	#	91
82) Chrysene	13.87	228	8890	0.66	ng		97
83) Bis(2-ethylhexyl)phthalate	13.85	149	8053	0.88	ng	#	98
84) Di-n-octyl phthalate	14.46	149	9403	0.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	6141	0.59	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	7529m	0.81	ng		
88) Benzo(k)fluoranthene	14.87	252	5247m	0.65	ng		
89) Benzo(a)pyrene	15.17	252	5626	0.71	ng	#	96
90) Dibenzo(a,h)anthracene	16.53	278	5148	0.78	ng		97
91) Benzo(g,h,i)perylene	16.89	276	5294	0.78	ng		97

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

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