Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
Data File : BF088928.D
Acq On : 12 Jul 2016 19:30
Operator : UM/SJ
Sample : PB91808BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91808BS

SOHIL

7/13/2016 9:25:36 AM

Quant Time: Jul 13 04:18:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	57394	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	228300	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	92097	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	140118	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	119492	20.00	ng		-0.01
86) Perylene-d12	15.21	264	120432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	48068	12.55	ng		0.00
7) Phenol-d6	6.34	99	64309	13.00	ng		-0.01
23) Nitrobenzene-d5	7.27	82	35485	8.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	9854	11.52	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	66112	11.34	ng		-0.01
78) Terphenyl-d14	12.79	244	39658	7.39	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	2.89	79	14414	2.62	ng		92
4) n-Nitrosodimethylamine	2.80	42	6552	3.11	ng	#	97
6) Aniline	6.35	93	9945	1.38	ng	#	1
8) 2-Chlorophenol	6.48	128	16435	3.99	ng		88
9) Benzaldehyde	6.24	77	7457	2.22	ng		88
10) Phenol	6.35	94	21706	3.84	ng	#	66
11) bis(2-Chloroethyl)ether	6.43	93	16973	4.03	ng		91
12) 1,3-Dichlorobenzene	6.64	146	19291	4.26	ng		98
13) 1,4-Dichlorobenzene	6.72	146	19589	4.36	ng		97
14) 1,2-Dichlorobenzene	6.87	146	16848	4.00	ng	#	87
15) Benzyl Alcohol	6.84	79	16354	4.49	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	21257	3.49	ng		87
17) 2-Methylphenol	6.97	107	15286	4.55	ng		98
18) Hexachloroethane	7.21	117	6052	3.48	ng	#	73
19) n-Nitroso-di-n-propylamine	7.12	70	13011	3.91	ng	#	85
20) 3+4-Methylphenols	7.13	107	17640	4.38	ng	#	73
22) Acetophenone	7.11	105	24124	4.35	ng	#	91
24) Nitrobenzene	7.28	77	17808	4.05	ng	#	82
25) Isophorone	7.53	82	32803	4.06	ng		94
26) 2-Nitrophenol	7.61	139	7049	3.91	ng	#	79
27) 2,4-Dimethylphenol	7.66	122	15097	4.02	ng		90
28) bis(2-Chloroethoxy)methane	7.75	93	22409	4.27	ng	#	98
29) 2,4-Dichlorophenol	7.85	162	13174	4.35	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	14412	4.33	ng		98
31) Naphthalene	8.01	128	53703	4.77	ng		98
32) Benzoic acid	7.74	122	3641	1.34	ng		93
33) 4-Chloroaniline	8.07	127	8001	1.60	ng	#	94
34) Hexachlorobutadiene	8.14	225	8753	4.91	ng		98
35) Caprolactam	8.39	113	3278	3.18	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	13900	3.88	ng		86
37) 2-Methylnaphthalene	8.70	142	28874	3.98	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	13931	4.55	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	870	0.58	ng		78
42) 2,4,6-Trichlorophenol	8.98	196	8597	4.26	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	8023	4.62	ng		97
45) 1,1'-Biphenyl	9.16	154	40856	5.36	ng		98
46) 2-Chloronaphthalene	9.19	162	29662	4.95	ng		96
47) 2-Nitroaniline	9.28	65	8532	4.02	ng		92
48) Acenaphthylene	9.60	152	45586	4.79	ng		97
49) Dimethylphthalate	9.46	163	35348	5.39	ng		100
50) 2,6-Dinitrotoluene	9.52	165	5954	4.09	ng	#	13
51) Acenaphthene	9.77	154	27702	4.74	ng		97
52) 3-Nitroaniline	9.69	138	5596	3.03	ng		92
54) Dibenzofuran	9.94	168	40295	5.27	ng		93
55) 4-Nitrophenol	9.86	139	8001	5.70	ng		95
56) 2,4-Dinitrotoluene	9.92	165	7143	3.76	ng	#	10
57) Fluorene	10.28	166	29393	4.99	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	4758	3.54	ng	#	46
59) Diethylphthalate	10.16	149	32395	4.92	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	13248	4.84	ng	#	85
61) 4-Nitroaniline	10.28	138	5281	2.97	ng		82
62) Azobenzene	10.43	77	30247	4.03	ng		92
64) 4,6-Dinitro-2-methylphenol	10.33	198	593	0.79	ng		87
65) n-Nitrosodiphenylamine	10.40	169	22908	4.83	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	7542	5.34	ng	#	87
67) Hexachlorobenzene	10.83	284	7182	4.59	ng	#	73
68) Atrazine	10.92	200	7242	4.90	ng		97
69) Pentachlorophenol	11.03	266	3948	4.27	ng		99
70) Phenanthrene	11.23	178	34536	4.51	ng		99
71) Anthracene	11.29	178	34975	4.59	ng		98
72) Carbazole	11.44	167	27443	3.83	ng		98
73) Di-n-butylphthalate	11.78	149	37804	4.53	ng	#	98
74) Fluoranthene	12.41	202	30218	3.89	ng		94
76) Benzidine	12.55	184	14409	2.39	ng	#	95
77) Pyrene	12.64	202	31678	3.13	ng		100
79) Butylbenzylphthalate	13.28	149	14381	3.18	ng		98
80) Benzo(a)anthracene	13.83	228	31363	4.08	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	7086	2.45	ng	#	97
82) Chrysene	13.86	228	30312m	3.98	ng		
83) Bis(2-ethylhexyl)phthalate	13.84	149	22652	4.39	ng		98
84) Di-n-octyl phthalate	14.45	149	40921	4.67	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	25632	4.38	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	38038m	5.03	ng		
88) Benzo(k)fluoranthene	14.86	252	22179m	3.37	ng		
89) Benzo(a)pyrene	15.15	252	28377	4.44	ng	#	94
90) Dibenzo(a,h)anthracene	16.50	278	21130	3.96	ng		97
91) Benzo(g,h,i)perylene	16.87	276	19846	3.59	ng		95

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

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