Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088775.D
Acq On : 7 Jul 2016 12:45
Operator : UM/SJ
Sample : PB91776BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91776BS

Manual Integrations APPROVED
SOHIL
7/8/2016 7:03:28 AM

Quant Time: Jul 08 04:46:00 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 01:56:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	104027	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	414884	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	205440	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	374370	20.00	ng		0.00
75) Chrysene-d12	13.89	240	271128	20.00	ng		0.00
86) Perylene-d12	15.27	264	257807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	710997	102.43	ng		0.02
7) Phenol-d6	6.39	99	947388	105.63	ng		0.00
23) Nitrobenzene-d5	7.31	82	673486	85.07	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	232606	121.93	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1014251	77.98	ng		0.00
78) Terphenyl-d14	12.84	244	1025160	84.22	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.03	79	286665	28.71	ng		91
4) n-Nitrosodimethylamine	2.99	42	122266	32.05	ng		86
6) Aniline	6.40	93	343489	26.28	ng	#	1
8) 2-Chlorophenol	6.52	128	275252	36.90	ng		93
9) Benzaldehyde	6.28	77	200648	33.03	ng		90
10) Phenol	6.40	94	301996	29.50	ng	#	50
11) bis(2-Chloroethyl)ether	6.49	93	308400	40.40	ng	#	81
12) 1,3-Dichlorobenzene	6.68	146	312045	38.01	ng		96
13) 1,4-Dichlorobenzene	6.76	146	300596	36.89	ng		96
14) 1,2-Dichlorobenzene	6.91	146	291290m	38.19	ng		
15) Benzyl Alcohol	6.89	79	255683	38.73	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	327754	29.65	ng		90
17) 2-Methylphenol	7.00	107	245138	40.28	ng		96
18) Hexachloroethane	7.26	117	123291	39.12	ng		90
19) n-Nitroso-di-n-propylamine	7.16	70	223198	37.05	ng		93
20) 3+4-Methylphenols	7.16	107	296524	40.60	ng		92
22) Acetophenone	7.15	105	428941	42.60	ng	#	89
24) Nitrobenzene	7.32	77	297082	37.22	ng	#	81
25) Isophorone	7.58	82	612244	41.75	ng		97
26) 2-Nitrophenol	7.64	139	154647	47.25	ng		95
27) 2,4-Dimethylphenol	7.69	122	265882	39.00	ng		87
28) bis(2-Chloroethoxy)methane	7.78	93	365397	38.29	ng	#	95
29) 2,4-Dichlorophenol	7.88	162	231774	42.07	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	258379	42.73	ng		98
31) Naphthalene	8.04	128	804925	39.35	ng		100
32) Benzoic acid	7.84	122	182720	36.91	ng		89
33) 4-Chloroaniline	8.10	127	208291	22.89	ng		95
34) Hexachlorobutadiene	8.17	225	140529	43.41	ng		98
35) Caprolactam	8.48	113	83909m	44.84	ng		
36) 4-Chloro-3-methylphenol	8.59	107	289994	44.51	ng		93
37) 2-Methylnaphthalene	8.74	142	567800	43.11	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	250698	36.69	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	258984	77.22	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	181210	40.22	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	169323	43.68	ng	#	87
45) 1,1'-Biphenyl	9.21	154	719675	42.30	ng		97
46) 2-Chloronaphthalene	9.23	162	557037	41.71	ng		97
47) 2-Nitroaniline	9.32	65	163304	34.46	ng		98
48) Acenaphthylene	9.64	152	852239	40.11	ng		99
49) Dimethylphthalate	9.52	163	642524	43.90	ng		100
50) 2,6-Dinitrotoluene	9.58	165	159872	49.28	ng	#	85
51) Acenaphthene	9.82	154	624169m	47.92	ng		
52) 3-Nitroaniline	9.74	138	95546	23.17	ng		90
53) 2,4-Dinitrophenol	9.85	184	167494	116.94	ng		94
54) Dibenzofuran	9.99	168	703274	41.25	ng	#	87
55) 4-Nitrophenol	9.91	139	251624	80.30	ng		94
56) 2,4-Dinitrotoluene	9.98	165	169788	40.03	ng	#	47
57) Fluorene	10.33	166	592537	45.10	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	131560	43.87	ng	#	50
59) Diethylphthalate	10.22	149	620947	42.27	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	235625	38.60	ng	#	85
61) 4-Nitroaniline	10.35	138	149028	37.56	ng		82
62) Azobenzene	10.48	77	694624	41.46	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	113522	56.69	ng	#	69
65) n-Nitrosodiphenylamine	10.44	169	495122	39.08	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	161009	42.68	ng	#	83
67) Hexachlorobenzene	10.88	284	184847	44.26	ng	#	73
68) Atrazine	10.98	200	178326	45.17	ng		99
69) Pentachlorophenol	11.07	266	227819	92.18	ng		98
70) Phenanthrene	11.29	178	862258	42.13	ng		98
71) Anthracene	11.34	178	850643	41.80	ng		100
72) Carbazole	11.48	167	813505	42.48	ng		99
73) Di-n-butylphthalate	11.83	149	909282	40.82	ng	#	99
74) Fluoranthene	12.47	202	958827	46.22	ng		96
76) Benzidine	12.59	184	556594	40.61	ng		97
77) Pyrene	12.70	202	941072	40.94	ng		99
79) Butylbenzylphthalate	13.33	149	446523	43.55	ng		96
80) Benzo(a)anthracene	13.87	228	751909	43.07	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	150620	22.95	ng	#	94
82) Chrysene	13.92	228	745116	43.14	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	561471	47.96	ng	#	99
84) Di-n-octyl phthalate	14.49	149	942717	47.40	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	638211	48.03	ng	#	100
87) Benzo(b)fluoranthene	14.89	252	884901m	54.72	ng		
88) Benzo(k)fluoranthene	14.91	252	506729m	35.99	ng		
89) Benzo(a)pyrene	15.21	252	656466	47.94	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	528402	46.21	ng		96
91) Benzo(g,h,i)perylene	16.98	276	508401	42.97	ng		97

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

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