Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085551.D
Acq On : 19 Mar 2016 3:49
Operator : UM/SJ
Sample : PB88981BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88981BS

Manual Integrations APPROVED
apatel
3/21/2016 5:07:58 PM

Quant Time: Mar 19 04:15:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137279	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	556453	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	260864	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	484202	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	406362	20.00	ng		0.00
86) Perylene-d12	15.43	264	310988	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	566828	69.35	ng		0.01
7) Phenol-d6	6.48	99	706170	67.37	ng		-0.01
23) Nitrobenzene-d5	7.42	82	601266	62.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	170492	66.72	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1047867	64.49	ng		-0.01
78) Terphenyl-d14	12.96	244	1103604	65.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	113784	28.64	ng		99
3) Pyridine	3.27	79	310791	31.86	ng		100
4) n-Nitrosodimethylamine	3.21	42	130913	32.14	ng		98
6) Aniline	6.52	93	193216	13.72	ng		96
8) 2-Chlorophenol	6.64	128	311001	32.89	ng		92
9) Benzaldehyde	6.40	77	54239	8.14	ng		88
10) Phenol	6.49	94	356833	29.89	ng		100
11) bis(2-Chloroethyl)ether	6.58	93	280319	31.14	ng		92
12) 1,3-Dichlorobenzene	6.79	146	326187m	31.66	ng		
13) 1,4-Dichlorobenzene	6.87	146	340318	32.38	ng		97
14) 1,2-Dichlorobenzene	7.03	146	311107	33.34	ng		96
15) Benzyl Alcohol	7.00	79	249402	34.74	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	372226	31.45	ng		99
17) 2-Methylphenol	7.11	107	255287	32.57	ng		100
18) Hexachloroethane	7.36	117	122717	32.34	ng	#	80
19) n-Nitroso-di-n-propylamine	7.27	70	201905	32.25	ng		95
20) 3+4-Methylphenols	7.27	107	311244	34.29	ng		93
22) Acetophenone	7.27	105	406697	30.80	ng	#	92
24) Nitrobenzene	7.44	77	341995	32.59	ng	#	87
25) Isophorone	7.68	82	615154	32.05	ng	#	94
26) 2-Nitrophenol	7.76	139	165368	31.89	ng	#	85
27) 2,4-Dimethylphenol	7.80	122	299483	32.66	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	354768	32.50	ng		98
29) 2,4-Dichlorophenol	8.00	162	259105	34.21	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	273463	32.24	ng		97
31) Naphthalene	8.16	128	908302	32.34	ng		99
32) Benzoic acid	7.91	122	186623	24.34	ng		99
33) 4-Chloroaniline	8.21	127	71370	6.20	ng	#	93
34) Hexachlorobutadiene	8.28	225	137141	30.33	ng		99
35) Caprolactam	8.57	113	82330m	31.59	ng		
36) 4-Chloro-3-methylphenol	8.70	107	298207	33.71	ng		97
37) 2-Methylnaphthalene	8.86	142	610588	35.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	235101	29.71	ng		98
40) Hexachlorocyclopentadiene	9.01	237	260947	73.17	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	182517	33.69	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	183824	33.35	ng		99
45) 1,1'-Biphenyl	9.32	154	674337	29.97	ng		98
46) 2-Chloronaphthalene	9.34	162	502829	30.59	ng		93
47) 2-Nitroaniline	9.44	65	161826	32.54	ng	#	67
48) Acenaphthylene	9.75	152	869936	32.70	ng		99
49) Dimethylphthalate	9.62	163	646566	32.85	ng		98
50) 2,6-Dinitrotoluene	9.68	165	149040	35.86	ng	#	81
51) Acenaphthene	9.92	154	601740	36.05	ng		99
52) 3-Nitroaniline	9.84	138	60819	11.68	ng		91
53) 2,4-Dinitrophenol	9.96	184	146824	57.67	ng		91
54) Dibenzofuran	10.10	168	765418	37.65	ng		96
55) 4-Nitrophenol	10.01	139	240429	59.77	ng		95
56) 2,4-Dinitrotoluene	10.08	165	171998	31.61	ng	#	55
57) Fluorene	10.45	166	574145	33.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	149620	37.70	ng		97
59) Diethylphthalate	10.32	149	653226	33.38	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	278335	33.64	ng		90
61) 4-Nitroaniline	10.46	138	139563	27.20	ng		90
62) Azobenzene	10.60	77	704001	37.49	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	109624	35.38	ng	#	64
65) n-Nitrosodiphenylamine	10.55	169	466434	30.93	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	165572	34.23	ng	#	88
67) Hexachlorobenzene	10.98	284	171697	33.41	ng	#	69
68) Atrazine	11.08	200	165678	36.08	ng		95
69) Pentachlorophenol	11.18	266	189686	60.80	ng		99
70) Phenanthrene	11.40	178	867298	33.97	ng		99
71) Anthracene	11.45	178	875362	32.70	ng		99
72) Carbazole	11.60	167	784976	33.99	ng		99
73) Di-n-butylphthalate	11.95	149	978592	33.84	ng	#	98
74) Fluoranthene	12.59	202	848819	31.75	ng		97
76) Benzidine	12.71	184	216764	15.86	ng		98
77) Pyrene	12.81	202	876875	30.05	ng		99
79) Butylbenzylphthalate	13.43	149	396812	28.53	ng	#	71
80) Benzo(a)anthracene	14.00	228	722530	30.63	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	61740	7.14	ng	#	95
82) Chrysene	14.04	228	671046	29.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	501601	29.03	ng	#	98
84) Di-n-octyl phthalate	14.61	149	932651	33.12	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	536920	28.31	ng		100
87) Benzo(b)fluoranthene	15.03	252	698423m	34.42	ng		
88) Benzo(k)fluoranthene	15.05	252	550437m	32.92	ng		
89) Benzo(a)pyrene	15.37	252	588412	34.20	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	454540	31.68	ng		99
91) Benzo(g,h,i)perylene	17.25	276	439204	31.63	ng		99

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

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