Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088102.D
Acq On : 17 Jun 2016 19:35
Operator : UM/SJ
Sample : PB91310BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91310BS

Manual Integrations APPROVED
sohil
6/20/2016 6:50:42 PM

Quant Time: Jun 18 00:50:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106662	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	446830	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	216972	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	363783	20.00	ng		0.00
75) Chrysene-d12	13.84	240	236939	20.00	ng		-0.01
86) Perylene-d12	15.22	264	215396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	352100	56.43	ng		0.01
7) Phenol-d6	6.34	99	441915	58.44	ng		-0.01
23) Nitrobenzene-d5	7.27	82	409507	53.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	111673	48.74	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	746652	51.90	ng		-0.01
78) Terphenyl-d14	12.80	244	685705	65.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	71309	23.52	ng	#	30
3) Pyridine	2.94	79	193308	27.01	ng		92
4) n-Nitrosodimethylamine	2.89	42	78916	26.03	ng	#	77
6) Aniline	6.35	93	156814	14.57	ng	#	1
8) 2-Chlorophenol	6.48	128	224548	30.41	ng		92
10) Phenol	6.35	94	244459	30.51	ng		78
11) bis(2-Chloroethyl)ether	6.43	93	188278	28.40	ng		92
12) 1,3-Dichlorobenzene	6.64	146	222937m	28.14	ng		
13) 1,4-Dichlorobenzene	6.71	146	225735	28.28	ng		96
14) 1,2-Dichlorobenzene	6.87	146	220565	30.39	ng		97
15) Benzyl Alcohol	6.84	79	143648	24.28	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	239461	26.73	ng		85
17) 2-Methylphenol	6.97	107	187415	31.29	ng		98
18) Hexachloroethane	7.21	117	83328	29.42	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	137228	28.37	ng		88
20) 3+4-Methylphenols	7.13	107	227376	32.54	ng	#	73
22) Acetophenone	7.11	105	286316	28.67	ng	#	97
24) Nitrobenzene	7.29	77	207442	27.99	ng		90
25) Isophorone	7.53	82	403413	28.46	ng		95
26) 2-Nitrophenol	7.60	139	111662	28.12	ng		95
27) 2,4-Dimethylphenol	7.66	122	203090	27.78	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	266233	30.29	ng		99
29) 2,4-Dichlorophenol	7.85	162	192573	31.55	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	190952	28.73	ng		98
31) Naphthalene	8.00	128	634117	28.68	ng		99
32) Benzoic acid	7.79	122	109811	27.28	ng		94
33) 4-Chloroaniline	8.07	127	37470	3.79	ng		95
34) Hexachlorobutadiene	8.12	225	99341	28.34	ng		99
35) Caprolactam	8.43	113	60265m	29.81	ng		
36) 4-Chloro-3-methylphenol	8.56	107	198324	30.38	ng		96
37) 2-Methylnaphthalene	8.70	142	422742	29.01	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	182205	28.62	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	110344	31.53	ng		97
42) 2,4,6-Trichlorophenol	8.98	196	119707	27.59	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	126780	28.08	ng	#	91
45) 1,1'-Biphenyl	9.16	154	535897	30.97	ng		96
46) 2-Chloronaphthalene	9.19	162	415158	29.57	ng		95
47) 2-Nitroaniline	9.29	65	117038	28.26	ng	#	59
48) Acenaphthylene	9.60	152	656018	29.37	ng		99
49) Dimethylphthalate	9.47	163	497650	31.66	ng		99
50) 2,6-Dinitrotoluene	9.53	165	110335	30.65	ng	#	81
51) Acenaphthene	9.77	154	381813	27.41	ng		99
52) 3-Nitroaniline	9.69	138	51350	12.36	ng		92
53) 2,4-Dinitrophenol	9.82	184	73523	42.99	ng	#	68
54) Dibenzofuran	9.94	168	548625	28.59	ng		92
55) 4-Nitrophenol	9.87	139	114905	35.64	ng		91
56) 2,4-Dinitrotoluene	9.93	165	119906	25.92	ng	#	54
57) Fluorene	10.28	166	436367	32.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	97953	27.61	ng	#	57
59) Diethylphthalate	10.17	149	487029	30.61	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	175256	27.47	ng		95
61) 4-Nitroaniline	10.31	138	93904	23.84	ng		98
62) Azobenzene	10.43	77	444366	28.25	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	68125	30.81	ng	#	75
65) n-Nitrosodiphenylamine	10.40	169	396191	32.82	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	122888	31.49	ng		97
67) Hexachlorobenzene	10.82	284	122393	30.18	ng		91
68) Atrazine	10.92	200	95963	26.25	ng		91
69) Pentachlorophenol	11.03	266	109585	51.27	ng		98
70) Phenanthrene	11.23	178	571379	29.93	ng		99
71) Anthracene	11.29	178	618364	32.11	ng		99
72) Carbazole	11.45	167	597312	33.15	ng		98
73) Di-n-butylphthalate	11.78	149	688253	30.17	ng		99
74) Fluoranthene	12.42	202	622268	30.89	ng		96
76) Benzidine	12.55	184	205322	31.30	ng		98
77) Pyrene	12.65	202	601895	34.23	ng		98
79) Butylbenzylphthalate	13.27	149	271498	34.93	ng	#	81
80) Benzo(a)anthracene	13.83	228	425506	31.51	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	68326	18.82	ng	#	95
82) Chrysene	13.87	228	457602	36.02	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	347039	36.67	ng	#	96
84) Di-n-octyl phthalate	14.45	149	652138	42.41	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	376263	31.88	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	436961m	29.11	ng		
88) Benzo(k)fluoranthene	14.87	252	339390m	29.97	ng		
89) Benzo(a)pyrene	15.17	252	360554	29.68	ng		99
90) Dibenzo(a,h)anthracene	16.54	278	311750	27.63	ng		96
91) Benzo(g,h,i)perylene	16.93	276	328391	28.30	ng		97

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

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