Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086536.D
Acq On : 30 Apr 2016 21:08
Operator : UM/SJ
Sample : PB90099BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Manual Integrations APPROVED
sohil
5/2/2016 7:54:11 PM

Quant Time: May 01 05:10:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132801	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	594906	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	283899	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	570294	20.00	ng		0.00
75) Chrysene-d12	13.92	240	450774	20.00	ng		0.00
86) Perylene-d12	15.31	264	353744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	835904	108.57	ng		0.01
7) Phenol-d6	6.41	99	1076689	100.20	ng		0.00
23) Nitrobenzene-d5	7.33	82	688967	62.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	285223	95.27	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1158633	68.23	ng		-0.01
78) Terphenyl-d14	12.86	244	1136398	55.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	115468	28.55	ng	#	76
3) Pyridine	3.06	79	305539	31.92	ng	#	73
4) n-Nitrosodimethylamine	3.00	42	186017	34.10	ng	#	60
6) Aniline	6.43	93	275082	21.15	ng		97
8) 2-Chlorophenol	6.54	128	302426	31.54	ng	#	79
9) Benzaldehyde	6.30	77	42433	6.79	ng		96
10) Phenol	6.42	94	423172	35.30	ng		77
11) bis(2-Chloroethyl)ether	6.51	93	321473	31.02	ng		98
12) 1,3-Dichlorobenzene	6.70	146	316334	30.67	ng		95
13) 1,4-Dichlorobenzene	6.78	146	331755	31.17	ng		97
14) 1,2-Dichlorobenzene	6.93	146	303300	31.08	ng		96
15) Benzyl Alcohol	6.91	79	249417	36.69	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	625477	30.15	ng		89
17) 2-Methylphenol	7.04	107	258274	33.32	ng		96
18) Hexachloroethane	7.28	117	120518	30.30	ng		100
19) n-Nitroso-di-n-propylamine	7.18	70	233254	32.84	ng	#	74
20) 3+4-Methylphenols	7.18	107	314028	35.49	ng	#	90
22) Acetophenone	7.18	105	427495	32.77	ng	#	87
24) Nitrobenzene	7.36	77	334006	29.42	ng	#	86
25) Isophorone	7.60	82	657557	30.96	ng		97
26) 2-Nitrophenol	7.68	139	157966	30.22	ng		93
27) 2,4-Dimethylphenol	7.71	122	276904	30.19	ng		90
28) bis(2-Chloroethoxy)methane	7.81	93	389926	33.70	ng		100
29) 2,4-Dichlorophenol	7.92	162	267540	34.57	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	275815	30.72	ng		98
31) Naphthalene	8.08	128	962534	31.80	ng		100
32) Benzoic acid	7.84	122	128585	27.70	ng		89
33) 4-Chloroaniline	8.13	127	180786	15.95	ng		98
34) Hexachlorobutadiene	8.19	225	141417	28.10	ng		98
35) Caprolactam	8.49	113	86755m	33.60	ng		
36) 4-Chloro-3-methylphenol	8.61	107	287746	32.48	ng		93
37) 2-Methylnaphthalene	8.76	142	569560	31.89	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	251531	30.95	ng		97
40) Hexachlorocyclopentadiene	8.92	237	245844	60.88	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	177909	34.63	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	181452	32.41	ng		98
45) 1,1'-Biphenyl	9.23	154	748551	31.54	ng		97
46) 2-Chloronaphthalene	9.25	162	564324	31.28	ng		96
47) 2-Nitroaniline	9.36	65	202779	35.05	ng		96
48) Acenaphthylene	9.66	152	860805	30.52	ng		99
49) Dimethylphthalate	9.54	163	699797	32.74	ng		99
50) 2,6-Dinitrotoluene	9.60	165	154431	34.98	ng		97
51) Acenaphthene	9.84	154	615139	33.96	ng		98
52) 3-Nitroaniline	9.76	138	106032	21.12	ng	#	78
53) 2,4-Dinitrophenol	9.87	184	142714	61.16	ng	#	86
54) Dibenzofuran	10.01	168	777490	34.34	ng		96
55) 4-Nitrophenol	9.93	139	208238	63.33	ng	#	60
56) 2,4-Dinitrotoluene	10.00	165	190180	33.79	ng		94
57) Fluorene	10.35	166	581625	29.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	166073	37.94	ng		92
59) Diethylphthalate	10.24	149	683421	33.78	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	280902	31.47	ng	#	82
61) 4-Nitroaniline	10.37	138	166204	33.86	ng	#	77
62) Azobenzene	10.51	77	773125	34.89	ng		88
64) 4,6-Dinitro-2-methylphenol	10.41	198	104525	31.22	ng		92
65) n-Nitrosodiphenylamine	10.46	169	534634	30.00	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	176803	30.09	ng		91
67) Hexachlorobenzene	10.90	284	205996	30.28	ng	#	87
68) Atrazine	10.99	200	173496	32.42	ng		94
69) Pentachlorophenol	11.09	266	208709	58.20	ng		96
70) Phenanthrene	11.31	178	935079	31.24	ng		100
71) Anthracene	11.36	178	991247	31.04	ng		100
72) Carbazole	11.52	167	902289	31.87	ng		99
73) Di-n-butylphthalate	11.86	149	1038662	32.39	ng		98
74) Fluoranthene	12.49	202	956361	31.66	ng		100
76) Benzidine	12.61	184	288710	18.64	ng		97
77) Pyrene	12.72	202	946902	29.15	ng		99
79) Butylbenzylphthalate	13.35	149	425250	30.23	ng	#	79
80) Benzo(a)anthracene	13.91	228	790400	32.89	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	162275	10.10	ng		95
82) Chrysene	13.94	228	746409	28.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	485050	27.78	ng		97
84) Di-n-octyl phthalate	14.51	149	794501	29.05	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	653263	33.75	ng		97
87) Benzo(b)fluoranthene	14.92	252	789721m	37.95	ng		
88) Benzo(k)fluoranthene	14.95	252	607700m	28.00	ng		
89) Benzo(a)pyrene	15.25	252	643609	32.76	ng		100
90) Dibenzo(a,h)anthracene	16.66	278	547197	34.03	ng		96
91) Benzo(g,h,i)perylene	17.04	276	548234	34.02	ng		96

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

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