Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086534.D
Acq On : 30 Apr 2016 20:11
Operator : UM/SJ
Sample : PB90129BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90129BS

Manual Integrations APPROVED
sohil
5/2/2016 7:53:57 PM

Quant Time: May 01 05:07:29 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	132749	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	590993	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	280234	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	548222	20.00	ng		0.00
75) Chrysene-d12	13.92	240	434629	20.00	ng		0.00
86) Perylene-d12	15.31	264	344609	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	807709	104.95	ng		0.01
7) Phenol-d6	6.41	99	1043081	97.11	ng		0.00
23) Nitrobenzene-d5	7.33	82	678006	61.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	268628	90.90	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1107657	65.55	ng		-0.01
78) Terphenyl-d14	12.87	244	1078673	54.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	111297	27.53	ng	#	74
3) Pyridine	3.07	79	260757	27.25	ng	#	74
4) n-Nitrosodimethylamine	3.00	42	180756	33.14	ng	#	58
6) Aniline	6.43	93	209008	16.08	ng		98
8) 2-Chlorophenol	6.54	128	298951	31.19	ng	#	81
9) Benzaldehyde	6.30	77	32674	5.23	ng		99
10) Phenol	6.42	94	431526	36.01	ng		83
11) bis(2-Chloroethyl)ether	6.50	93	303689	29.31	ng		84
12) 1,3-Dichlorobenzene	6.70	146	312891	30.35	ng		97
13) 1,4-Dichlorobenzene	6.78	146	325191	30.57	ng		97
14) 1,2-Dichlorobenzene	6.93	146	293752	30.11	ng		97
15) Benzyl Alcohol	6.91	79	241755	35.58	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	606258	29.24	ng		89
17) 2-Methylphenol	7.04	107	252285	32.56	ng		95
18) Hexachloroethane	7.28	117	116605	29.33	ng		100
19) n-Nitroso-di-n-propylamine	7.18	70	227993	32.11	ng	#	73
20) 3+4-Methylphenols	7.18	107	310536	35.10	ng	#	88
22) Acetophenone	7.17	105	421200	32.50	ng		95
24) Nitrobenzene	7.36	77	322483	28.59	ng	#	86
25) Isophorone	7.60	82	637487	30.21	ng		96
26) 2-Nitrophenol	7.66	139	158275	30.48	ng	#	72
27) 2,4-Dimethylphenol	7.71	122	277719	30.48	ng		90
28) bis(2-Chloroethoxy)methane	7.81	93	378998	32.97	ng		99
29) 2,4-Dichlorophenol	7.92	162	261226	33.98	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	268886	30.15	ng		97
31) Naphthalene	8.08	128	936002	31.13	ng		100
32) Benzoic acid	7.84	122	127368	27.64	ng		89
33) 4-Chloroaniline	8.13	127	113219	10.05	ng		99
34) Hexachlorobutadiene	8.19	225	140246	28.05	ng		99
35) Caprolactam	8.49	113	84478m	32.94	ng		
36) 4-Chloro-3-methylphenol	8.61	107	268734	30.53	ng		91
37) 2-Methylnaphthalene	8.76	142	564792	31.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	246324	30.71	ng		98
40) Hexachlorocyclopentadiene	8.92	237	245230	61.52	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	173915	34.30	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	173068	31.32	ng		95
45) 1,1'-Biphenyl	9.23	154	729049	31.12	ng		97
46) 2-Chloronaphthalene	9.25	162	547913	30.76	ng		95
47) 2-Nitroaniline	9.36	65	198169	34.70	ng		97
48) Acenaphthylene	9.66	152	830968	29.85	ng		99
49) Dimethylphthalate	9.54	163	659310	31.25	ng		98
50) 2,6-Dinitrotoluene	9.60	165	154172	35.37	ng		94
51) Acenaphthene	9.84	154	598731	33.48	ng		98
52) 3-Nitroaniline	9.76	138	74374	15.00	ng	#	76
53) 2,4-Dinitrophenol	9.87	184	135275	59.04	ng	#	86
54) Dibenzofuran	10.01	168	741328	33.17	ng		95
55) 4-Nitrophenol	9.93	139	194089	59.80	ng	#	61
56) 2,4-Dinitrotoluene	10.00	165	189701	34.14	ng		94
57) Fluorene	10.35	166	584302	30.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	156915	36.32	ng		93
59) Diethylphthalate	10.24	149	666969	33.40	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	278525	31.62	ng	#	81
61) 4-Nitroaniline	10.37	138	157263	32.46	ng		78
62) Azobenzene	10.51	77	743171	33.97	ng		88
64) 4,6-Dinitro-2-methylphenol	10.41	198	98414	30.58	ng		91
65) n-Nitrosodiphenylamine	10.46	169	517988	30.23	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	169358	29.98	ng		91
67) Hexachlorobenzene	10.90	284	198307	30.33	ng	#	89
68) Atrazine	10.99	200	163255	31.73	ng		95
69) Pentachlorophenol	11.09	266	200848	58.26	ng		97
70) Phenanthrene	11.31	178	914717	31.79	ng		100
71) Anthracene	11.36	178	958917	31.23	ng		99
72) Carbazole	11.52	167	873204	32.09	ng		99
73) Di-n-butylphthalate	11.86	149	981219	31.83	ng		98
74) Fluoranthene	12.49	202	919917	31.68	ng		99
76) Benzidine	12.63	184	234713	15.71	ng		97
77) Pyrene	12.72	202	903235	28.84	ng		100
79) Butylbenzylphthalate	13.35	149	415305	30.62	ng	#	79
80) Benzo(a)anthracene	13.91	228	748385	32.30	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	134504	8.68	ng		98
82) Chrysene	13.94	228	724009	28.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	470144	27.92	ng	#	96
84) Di-n-octyl phthalate	14.51	149	752755	28.55	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	612773	32.83	ng		97
87) Benzo(b)fluoranthene	14.92	252	751664m	37.08	ng		
88) Benzo(k)fluoranthene	14.95	252	577711m	27.32	ng		
89) Benzo(a)pyrene	15.25	252	607885	31.76	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	514954	32.88	ng		96
91) Benzo(g,h,i)perylene	17.05	276	507931	32.36	ng	#	91

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

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