Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086250.D
Acq On : 16 Apr 2016 7:56
Operator : UM/SJ
Sample : PB89850BSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Manual Integrations APPROVED
Sohil
4/18/2016 7:31:45 PM

Quant Time: Apr 18 04:44:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	279147	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1146252	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	523080	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	912361	20.00	ng		0.00
75) Chrysene-d12	14.05	240	514100	20.00	ng		0.00
86) Perylene-d12	15.48	264	465348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	933661	54.80	ng		0.01
7) Phenol-d6	6.51	99	1227046	57.58	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1163654	58.55	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	237754	56.60	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	1686755	59.50	ng		-0.01
78) Terphenyl-d14	13.00	244	1350283	66.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	220544	23.47	ng		97
3) Pyridine	3.32	79	680464	27.77	ng		98
4) n-Nitrosodimethylamine	3.26	42	250513	28.30	ng	#	65
6) Aniline	6.56	93	389229	12.67	ng		93
8) 2-Chlorophenol	6.67	128	545982	28.33	ng		97
9) Benzaldehyde	6.43	77	148862	9.85	ng		83
10) Phenol	6.53	94	743759	29.31	ng		89
11) bis(2-Chloroethyl)ether	6.62	93	521017	27.29	ng		86
12) 1,3-Dichlorobenzene	6.83	146	559016	27.33	ng		99
13) 1,4-Dichlorobenzene	6.91	146	562149	28.85	ng		99
14) 1,2-Dichlorobenzene	7.07	146	529781	30.64	ng		99
15) Benzyl Alcohol	7.04	79	496626	32.85	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	784035	26.36	ng		99
17) 2-Methylphenol	7.15	107	488809	30.44	ng	#	92
18) Hexachloroethane	7.41	117	213896	29.11	ng		100
19) n-Nitroso-di-n-propylamine	7.31	70	396941	29.11	ng		95
20) 3+4-Methylphenols	7.30	107	521659	29.00	ng	#	84
22) Acetophenone	7.30	105	665443	28.47	ng	#	85
24) Nitrobenzene	7.47	77	563898	25.95	ng		92
25) Isophorone	7.72	82	1124519	28.52	ng		95
26) 2-Nitrophenol	7.79	139	266131	28.09	ng		93
27) 2,4-Dimethylphenol	7.84	122	563457	29.45	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	637518	27.50	ng		99
29) 2,4-Dichlorophenol	8.03	162	425339	29.24	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	453420	29.79	ng		99
31) Naphthalene	8.20	128	1572948	30.73	ng		99
32) Benzoic acid	7.93	122	316445	25.87	ng		97
33) 4-Chloroaniline	8.25	127	186420	8.15	ng	#	93
34) Hexachlorobutadiene	8.33	225	227176	29.79	ng		99
35) Caprolactam	8.61	113	162902	30.93	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	495161	29.38	ng		95
37) 2-Methylnaphthalene	8.89	142	1012247	30.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	347176	28.42	ng		98
40) Hexachlorocyclopentadiene	9.05	237	372771	60.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	298280	28.95	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	302136	30.35	ng	#	92
45) 1,1'-Biphenyl	9.36	154	1120109	29.75	ng		99
46) 2-Chloronaphthalene	9.38	162	875095	28.46	ng		99
47) 2-Nitroaniline	9.47	65	287326	28.85	ng		97
48) Acenaphthylene	9.79	152	1512906	30.93	ng		98
49) Dimethylphthalate	9.65	163	1048783	27.57	ng		99
50) 2,6-Dinitrotoluene	9.72	165	245896	29.22	ng	#	78
51) Acenaphthene	9.97	154	971136	33.23	ng		99
52) 3-Nitroaniline	9.88	138	155419	15.20	ng		81
53) 2,4-Dinitrophenol	9.98	184	176896	58.03	ng		95
54) Dibenzofuran	10.14	168	1320414	34.21	ng		99
55) 4-Nitrophenol	10.04	139	461071	57.63	ng	#	65
56) 2,4-Dinitrotoluene	10.12	165	337410	31.32	ng	#	81
57) Fluorene	10.48	166	822170	29.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	230205	31.84	ng		100
59) Diethylphthalate	10.36	149	1149025	29.27	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	386602	32.85	ng		98
61) 4-Nitroaniline	10.49	138	233338	26.40	ng		92
62) Azobenzene	10.64	77	1286023	33.48	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	151693	34.94	ng	#	60
65) n-Nitrosodiphenylamine	10.59	169	813978	29.13	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	260467	30.63	ng		97
67) Hexachlorobenzene	11.02	284	263251	29.54	ng		98
68) Atrazine	11.12	200	234166	27.35	ng		99
69) Pentachlorophenol	11.22	266	280309	51.88	ng		98
70) Phenanthrene	11.44	178	1329397	30.51	ng		100
71) Anthracene	11.49	178	1385586	29.43	ng		98
72) Carbazole	11.64	167	1213188	29.27	ng		99
73) Di-n-butylphthalate	11.98	149	1681120	30.00	ng		99
74) Fluoranthene	12.62	202	1271175	32.30	ng		99
76) Benzidine	12.75	184	346016	17.35	ng		96
77) Pyrene	12.85	202	1307978	33.16	ng		99
79) Butylbenzylphthalate	13.48	149	665717	36.54	ng		100
80) Benzo(a)anthracene	14.04	228	854646	30.28	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	162927	9.96	ng	#	93
82) Chrysene	14.08	228	924113	30.71	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	686589	34.90	ng		100
84) Di-n-octyl phthalate	14.65	149	1167429	30.79	ng		96
85) Indeno(1,2,3-cd)pyrene	16.89	276	887697	35.89	ng		97
87) Benzo(b)fluoranthene	15.07	252	787846	27.44	ng		98
88) Benzo(k)fluoranthene	15.09	252	724216m	27.67	ng		
89) Benzo(a)pyrene	15.43	252	742556	29.86	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	740581	33.70	ng		99
91) Benzo(g,h,i)perylene	17.32	276	776314	33.22	ng		98

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

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