Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084720.D
Acq On : 1 Feb 2016 20:21
Operator : SJ/IZ
Sample : PB88019BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88019BS

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:09 PM

Quant Time: Feb 02 01:09:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169702	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	702877	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	343327	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	640335	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	465035	20.00	ng		-0.01
86) Perylene-d12	15.24	264	421048	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1405892	129.04	ng		0.01
7) Phenol-d6	6.36	99	1666928	123.41	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1084384	86.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	461871	128.97	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1866941	95.56	ng		-0.01
78) Terphenyl-d14	12.82	244	1789519	87.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	168886	35.39	ng	#	72
3) Pyridine	2.97	79	488991	39.33	ng	#	77
4) n-Nitrosodimethylamine	2.92	42	251556	39.12	ng		81
6) Aniline	6.37	93	527828	31.94	ng	#	71
8) 2-Chlorophenol	6.50	128	504339	40.90	ng		92
9) Benzaldehyde	6.26	77	22440	2.81	ng		85
10) Phenol	6.38	94	563385	37.23	ng		91
11) bis(2-Chloroethyl)ether	6.45	93	457950m	38.81	ng		
12) 1,3-Dichlorobenzene	6.65	146	493949m	37.91	ng		
13) 1,4-Dichlorobenzene	6.73	146	514206	39.48	ng		97
14) 1,2-Dichlorobenzene	6.89	146	468651m	38.63	ng		
15) Benzyl Alcohol	6.86	79	405037	43.43	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	743252	37.45	ng		87
17) 2-Methylphenol	6.99	107	426461	43.73	ng		93
18) Hexachloroethane	7.22	117	196833	39.24	ng		94
19) n-Nitroso-di-n-propylamine	7.14	70	356111	42.06	ng	#	76
20) 3+4-Methylphenols	7.14	107	499226	41.24	ng	#	79
22) Acetophenone	7.13	105	695004	37.52	ng		99
24) Nitrobenzene	7.30	77	489628	36.64	ng		97
25) Isophorone	7.55	82	973973	40.14	ng		95
26) 2-Nitrophenol	7.62	139	279091	42.35	ng	#	89
27) 2,4-Dimethylphenol	7.66	122	450577	39.31	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	580651	40.34	ng		99
29) 2,4-Dichlorophenol	7.87	162	426343	43.47	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	423905	38.27	ng		97
31) Naphthalene	8.02	128	1349597	38.28	ng		99
32) Benzoic acid	7.80	122	295330	40.28	ng		94
33) 4-Chloroaniline	8.08	127	449513	30.83	ng		97
34) Hexachlorobutadiene	8.14	225	261313	40.91	ng		100
35) Caprolactam	8.45	113	135065m	44.68	ng		
36) 4-Chloro-3-methylphenol	8.57	107	467860	41.82	ng		94
37) 2-Methylnaphthalene	8.72	142	1014827	45.99	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	371189	34.04	ng		99
40) Hexachlorocyclopentadiene	8.86	237	381520	79.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	294534	41.93	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	306522	42.94	ng		93
45) 1,1'-Biphenyl	9.18	154	1138083	37.11	ng		96
46) 2-Chloronaphthalene	9.20	162	853160	37.78	ng		95
47) 2-Nitroaniline	9.30	65	272009	38.04	ng		98
48) Acenaphthylene	9.62	152	1393486	40.66	ng		99
49) Dimethylphthalate	9.49	163	1100690	42.09	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	256432	44.89	ng	#	90
51) Acenaphthene	9.79	154	889734	39.91	ng		97
52) 3-Nitroaniline	9.71	138	184401	28.73	ng		98
53) 2,4-Dinitrophenol	9.82	184	252283	94.55	ng	#	85
54) Dibenzofuran	9.96	168	1258743	46.19	ng		98
55) 4-Nitrophenol	9.89	139	334091	70.82	ng	#	79
56) 2,4-Dinitrotoluene	9.95	165	307397	42.19	ng	#	90
57) Fluorene	10.30	166	963186	42.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	247925	45.63	ng		89
59) Diethylphthalate	10.19	149	1084549	42.47	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	430442	45.03	ng		97
61) 4-Nitroaniline	10.33	138	232953	37.24	ng		93
62) Azobenzene	10.45	77	1093140	44.52	ng		90
64) 4,6-Dinitro-2-methylphenol	10.36	198	185951	47.05	ng		79
65) n-Nitrosodiphenylamine	10.42	169	908514	44.68	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	306244	43.30	ng		95
67) Hexachlorobenzene	10.84	284	300611	39.01	ng	#	86
68) Atrazine	10.94	200	244282	38.04	ng		99
69) Pentachlorophenol	11.05	266	337641	93.23	ng		98
70) Phenanthrene	11.25	178	1374089	38.69	ng		98
71) Anthracene	11.31	178	1560784	43.61	ng		98
72) Carbazole	11.47	167	1413804	45.31	ng		98
73) Di-n-butylphthalate	11.80	149	1497457	37.69	ng	#	97
74) Fluoranthene	12.44	202	1581983	44.01	ng		95
76) Benzidine	12.57	184	411531	25.62	ng		98
77) Pyrene	12.67	202	1593307	44.75	ng		99
79) Butylbenzylphthalate	13.30	149	748751	46.36	ng	#	91
80) Benzo(a)anthracene	13.85	228	1245852	43.16	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	375936	36.79	ng		100
82) Chrysene	13.89	228	1277240	45.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	886843	44.12	ng	#	97
84) Di-n-octyl phthalate	14.47	149	1507620	45.46	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.55	276	981524	44.55	ng		99
87) Benzo(b)fluoranthene	14.87	252	1247588m	44.10	ng		
88) Benzo(k)fluoranthene	14.89	252	859648m	36.75	ng		
89) Benzo(a)pyrene	15.19	252	976085	40.49	ng	#	95
90) Dibenzo(a,h)anthracene	16.57	278	814256	40.13	ng	#	94
91) Benzo(g,h,i)perylene	16.95	276	821177	40.18	ng		96

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

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