Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087114.D
Acq On : 17 May 2016 21:00
Operator : UM/SJ
Sample : PB90651BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Manual Integrations APPROVED
sohil
5/18/2016 6:58:30 PM

Quant Time: May 18 02:27:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	140335	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	603139	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	303171	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	558700	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	405425	20.00	ng		-0.02
86) Perylene-d12	15.10	264	382327	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	817899	97.96	ng		-0.01
7) Phenol-d6	6.26	99	1027298	91.74	ng		-0.02
23) Nitrobenzene-d5	7.16	82	737224	60.92	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	294539	87.92	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	1198952	65.50	ng		-0.02
78) Terphenyl-d14	12.70	244	1339707	74.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	105598	24.59	ng	#	68
3) Pyridine	2.75	79	262955	25.31	ng	#	68
4) n-Nitrosodimethylamine	2.70	42	217859	29.59	ng	#	48
6) Aniline	6.26	93	246939	17.36	ng	#	67
8) 2-Chlorophenol	6.39	128	321598	31.66	ng		99
9) Benzaldehyde	6.15	77	20125	2.40	ng		93
10) Phenol	6.27	94	429597	30.52	ng	#	68
11) bis(2-Chloroethyl)ether	6.34	93	346751	32.81	ng		94
12) 1,3-Dichlorobenzene	6.52	146	323821m	29.99	ng		
13) 1,4-Dichlorobenzene	6.60	146	327992m	29.69	ng		
14) 1,2-Dichlorobenzene	6.76	146	306617	31.70	ng		98
15) Benzyl Alcohol	6.75	79	289644	34.74	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.89	45	670029	30.84	ng		73
17) 2-Methylphenol	6.88	107	260844	31.27	ng	#	76
18) Hexachloroethane	7.10	117	127355	30.15	ng		96
19) n-Nitroso-di-n-propylamine	7.03	70	275700	32.39	ng	#	78
20) 3+4-Methylphenols	7.04	107	366740	33.33	ng	#	61
22) Acetophenone	7.02	105	467779	31.69	ng		99
24) Nitrobenzene	7.19	77	389808	29.50	ng		99
25) Isophorone	7.43	82	676371	30.53	ng		99
26) 2-Nitrophenol	7.51	139	176081	32.17	ng	#	85
27) 2,4-Dimethylphenol	7.56	122	307167	32.88	ng		90
28) bis(2-Chloroethoxy)methane	7.64	93	393720	32.37	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	277892	33.76	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	287782	31.51	ng		98
31) Naphthalene	7.91	128	936694	31.78	ng		100
32) Benzoic acid	7.71	122	140753	25.28	ng	#	84
33) 4-Chloroaniline	7.98	127	148778	12.15	ng		97
34) Hexachlorobutadiene	8.02	225	163211	31.49	ng		98
35) Caprolactam	8.34	113	90234m	32.92	ng		
36) 4-Chloro-3-methylphenol	8.48	107	321987	32.43	ng		99
37) 2-Methylnaphthalene	8.59	142	605420	32.12	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	270079	30.50	ng		98
40) Hexachlorocyclopentadiene	8.74	237	189849	57.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	180176	31.38	ng		92
43) 2,4,5-Trichlorophenol	8.94	196	196428	32.93	ng	#	88
45) 1,1'-Biphenyl	9.06	154	801883	31.90	ng		98
46) 2-Chloronaphthalene	9.08	162	613358	31.78	ng		97
47) 2-Nitroaniline	9.20	65	243401	32.91	ng		96
48) Acenaphthylene	9.50	152	942556	31.99	ng		99
49) Dimethylphthalate	9.37	163	711886	30.78	ng		100
50) 2,6-Dinitrotoluene	9.44	165	169971	33.85	ng		97
51) Acenaphthene	9.67	154	591757	32.14	ng		97
52) 3-Nitroaniline	9.61	138	98156	18.06	ng		99
53) 2,4-Dinitrophenol	9.72	184	171059	60.67	ng		91
54) Dibenzofuran	9.84	168	835570	35.10	ng		96
55) 4-Nitrophenol	9.80	139	168993m	54.24	ng		
56) 2,4-Dinitrotoluene	9.84	165	187263	29.12	ng	#	52
57) Fluorene	10.18	166	684320	35.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	158652	34.15	ng		97
59) Diethylphthalate	10.07	149	675917	30.61	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	277495	30.61	ng		95
61) 4-Nitroaniline	10.23	138	170354	31.74	ng		83
62) Azobenzene	10.33	77	825142	32.43	ng		85
64) 4,6-Dinitro-2-methylphenol	10.25	198	112316	30.52	ng	#	46
65) n-Nitrosodiphenylamine	10.30	169	557125	31.69	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	197312	34.34	ng		90
67) Hexachlorobenzene	10.72	284	204506	30.70	ng	#	65
68) Atrazine	10.83	200	183336	31.97	ng		95
69) Pentachlorophenol	10.92	266	176766	70.64	ng		96
70) Phenanthrene	11.13	178	928475	30.64	ng		99
71) Anthracene	11.19	178	1072910	35.01	ng		99
72) Carbazole	11.35	167	860294	30.73	ng		98
73) Di-n-butylphthalate	11.68	149	1073599	33.39	ng	#	99
74) Fluoranthene	12.32	202	1067822	35.17	ng		90
76) Benzidine	12.44	184	174243	12.91	ng		95
77) Pyrene	12.54	202	973370	33.23	ng		100
79) Butylbenzylphthalate	13.18	149	473047	38.26	ng		98
80) Benzo(a)anthracene	13.73	228	813163	34.69	ng		100
81) 3,3'-Dichlorobenzidine	13.70	252	177547	11.90	ng	#	95
82) Chrysene	13.76	228	770859	33.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	613834	40.79	ng	#	99
84) Di-n-octyl phthalate	14.34	149	1059263	40.86	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.33	276	677299	34.02	ng		95
87) Benzo(b)fluoranthene	14.73	252	858499m	33.85	ng		
88) Benzo(k)fluoranthene	14.75	252	649490m	34.40	ng		
89) Benzo(a)pyrene	15.04	252	686948	32.40	ng		97
90) Dibenzo(a,h)anthracene	16.34	278	564744	31.64	ng		96
91) Benzo(g,h,i)perylene	16.70	276	550757	30.55	ng		96

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

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