Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085855.D
Acq On : 29 Mar 2016 18:12
Operator : UM/SJ
Sample : PB89295BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Manual Integrations APPROVED
Sohil
3/30/2016 7:04:47 PM

Quant Time: Mar 30 01:09:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110185	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	472328	20.00	ng		-0.02
38) Acenaphthene-d10	9.84	164	207491	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	396350	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	324204	20.00	ng		-0.01
86) Perylene-d12	15.39	264	221492	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	739947	111.84	ng		0.00
7) Phenol-d6	6.45	99	952399	113.22	ng		-0.01
23) Nitrobenzene-d5	7.37	82	604222	72.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.64	330	271279	137.61	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	1029805	82.92	ng		-0.02
78) Terphenyl-d14	12.92	244	1119720	71.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	105433	33.37	ng		97
3) Pyridine	3.14	79	285485	37.69	ng		99
4) n-Nitrosodimethylamine	3.09	42	129114	42.58	ng		98
6) Aniline	6.47	93	200891	17.74	ng	#	93
8) 2-Chlorophenol	6.60	128	302489	39.35	ng		92
9) Benzaldehyde	6.36	77	150303	29.66	ng		91
10) Phenol	6.46	94	368024	38.62	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	281337	38.36	ng		92
12) 1,3-Dichlorobenzene	6.74	146	321267	38.81	ng	#	94
13) 1,4-Dichlorobenzene	6.82	146	326299	38.87	ng		94
14) 1,2-Dichlorobenzene	6.97	146	292161	37.34	ng		96
15) Benzyl Alcohol	6.95	79	223141	39.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	339980	34.94	ng		97
17) 2-Methylphenol	7.08	107	247581	40.23	ng		99
18) Hexachloroethane	7.32	117	117983	38.38	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	189029	37.53	ng		95
20) 3+4-Methylphenols	7.22	107	298340	40.32	ng		92
22) Acetophenone	7.22	105	397965	36.17	ng	#	95
24) Nitrobenzene	7.40	77	338128	39.11	ng		90
25) Isophorone	7.64	82	592010	36.64	ng		96
26) 2-Nitrophenol	7.72	139	164786	38.10	ng		90
27) 2,4-Dimethylphenol	7.75	122	270962	35.84	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	348149	37.82	ng		97
29) 2,4-Dichlorophenol	7.96	162	250168	39.36	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	266333	37.74	ng		96
31) Naphthalene	8.12	128	911316	38.29	ng		99
32) Benzoic acid	7.89	122	162994	32.46	ng		92
33) 4-Chloroaniline	8.17	127	78314	8.06	ng		99
34) Hexachlorobutadiene	8.23	225	133233	34.74	ng		98
35) Caprolactam	8.54	113	82933m	36.84	ng		
36) 4-Chloro-3-methylphenol	8.66	107	289802	39.03	ng		90
37) 2-Methylnaphthalene	8.80	142	554485	38.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	233753	37.99	ng		99
40) Hexachlorocyclopentadiene	8.96	237	192254	75.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	162428	39.09	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	178814	41.03	ng	#	93
45) 1,1'-Biphenyl	9.27	154	667903	38.15	ng		98
46) 2-Chloronaphthalene	9.29	162	498519	38.72	ng		92
47) 2-Nitroaniline	9.40	65	168530	42.81	ng		98
48) Acenaphthylene	9.70	152	820898	39.13	ng		99
49) Dimethylphthalate	9.58	163	653913	41.54	ng		99
50) 2,6-Dinitrotoluene	9.64	165	125737	37.11	ng		97
51) Acenaphthene	9.88	154	487009	38.01	ng		100
52) 3-Nitroaniline	9.81	138	59247	15.28	ng		94
53) 2,4-Dinitrophenol	9.92	184	123017	72.47	ng	#	80
54) Dibenzofuran	10.06	168	739713	44.60	ng		96
55) 4-Nitrophenol	9.98	139	186368	73.76	ng		93
56) 2,4-Dinitrotoluene	10.05	165	188555	43.78	ng	#	72
57) Fluorene	10.39	166	543121	39.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	127993	42.26	ng		98
59) Diethylphthalate	10.28	149	646882	41.59	ng		100
60) 4-Chlorophenyl-phenylether	10.39	204	281408	41.75	ng	#	88
61) 4-Nitroaniline	10.42	138	153506	41.38	ng		95
62) Azobenzene	10.55	77	692779	46.35	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	89441	38.53	ng	#	57
65) n-Nitrosodiphenylamine	10.50	169	496616	39.56	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	159454	39.32	ng	#	85
67) Hexachlorobenzene	10.95	284	166013	39.15	ng	#	86
68) Atrazine	11.04	200	181312	42.78	ng		99
69) Pentachlorophenol	11.14	266	171241	82.25	ng		99
70) Phenanthrene	11.36	178	848942	41.71	ng		99
71) Anthracene	11.41	178	881835	41.27	ng		99
72) Carbazole	11.57	167	843526	47.03	ng		99
73) Di-n-butylphthalate	11.90	149	990144	40.23	ng		98
74) Fluoranthene	12.54	202	823001	38.05	ng		97
76) Benzidine	12.67	184	279266	24.46	ng		97
77) Pyrene	12.77	202	814833	30.58	ng		99
79) Butylbenzylphthalate	13.39	149	373427	33.46	ng	#	73
80) Benzo(a)anthracene	13.96	228	704640	38.12	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	103970	8.10	ng	#	97
82) Chrysene	13.99	228	580293	31.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	467099	34.96	ng	#	99
84) Di-n-octyl phthalate	14.55	149	748093	37.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	513773	35.73	ng		99
87) Benzo(b)fluoranthene	14.99	252	643415m	46.11	ng		
88) Benzo(k)fluoranthene	15.01	252	428620m	34.07	ng		
89) Benzo(a)pyrene	15.33	252	511692	41.30	ng	#	97
90) Dibenzo(a,h)anthracene	16.77	278	432995	37.62	ng		97
91) Benzo(g,h,i)perylene	17.18	276	432200	37.08	ng		96

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

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