Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085307.D
Acq On : 9 Mar 2016 19:10
Operator : UM/SJ
Sample : PB88789BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88789BSD

Manual Integrations APPROVED
UMANGI
3/10/2016 3:03:34 PM

Quant Time: Mar 10 09:58:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	157315	20.00	ng		-0.03
21) Naphthalene-d8	8.23	136	627583	20.00	ng		-0.03
38) Acenaphthene-d10	9.99	164	308362	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	595788	20.00	ng		-0.03
75) Chrysene-d12	14.12	240	472829	20.00	ng		-0.03
86) Perylene-d12	15.58	264	305520	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1317133	140.44	ng		-0.01
7) Phenol-d6	6.58	99	1667652	135.72	ng		-0.02
23) Nitrobenzene-d5	7.51	82	886582	75.60	ng		-0.03
41) 2,4,6-Tribromophenol	10.79	330	401753	152.26	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1695553	83.62	ng		-0.03
78) Terphenyl-d14	13.06	244	1579755	77.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	172156	35.90	ng		99
3) Pyridine	3.48	79	456659	38.04	ng		97
4) n-Nitrosodimethylamine	3.42	42	209201	40.72	ng		96
6) Aniline	6.61	93	475398	27.60	ng		98
8) 2-Chlorophenol	6.73	128	481414	42.64	ng		99
9) Benzaldehyde	6.49	77	128743	19.00	ng		93
10) Phenol	6.60	94	658857m	50.07	ng		
11) bis(2-Chloroethyl)ether	6.69	93	495460	45.33	ng		94
12) 1,3-Dichlorobenzene	6.89	146	462953	38.19	ng		97
13) 1,4-Dichlorobenzene	6.96	146	434663	35.78	ng		99
14) 1,2-Dichlorobenzene	7.12	146	451164	40.93	ng		98
15) Benzyl Alcohol	7.09	79	368320	40.83	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.22	45	497993	31.61	ng		98
17) 2-Methylphenol	7.20	107	391129	42.45	ng		98
18) Hexachloroethane	7.46	117	173476	38.71	ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	278816	34.82	ng	#	92
20) 3+4-Methylphenols	7.35	107	427329	39.16	ng		91
22) Acetophenone	7.36	105	570689	37.26	ng	#	96
24) Nitrobenzene	7.53	77	498441	41.84	ng		93
25) Isophorone	7.77	82	850366	39.13	ng		96
26) 2-Nitrophenol	7.85	139	237274	40.93	ng		99
27) 2,4-Dimethylphenol	7.89	122	452772	42.73	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	504954	41.72	ng		99
29) 2,4-Dichlorophenol	8.09	162	377983	44.23	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	377007	40.81	ng		97
31) Naphthalene	8.25	128	1204166	39.02	ng		99
32) Benzoic acid	7.97	122	101371	14.40	ng		96
33) 4-Chloroaniline	8.30	127	216160	17.32	ng		95
34) Hexachlorobutadiene	8.38	225	197021	40.98	ng		99
35) Caprolactam	8.68	113	122665m	43.96	ng		
36) 4-Chloro-3-methylphenol	8.79	107	437133	45.09	ng		89
37) 2-Methylnaphthalene	8.95	142	890746	44.98	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	326617	37.04	ng		98
40) Hexachlorocyclopentadiene	9.10	237	377367	79.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	269409	41.04	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	278924	44.81	ng	#	92
45) 1,1'-Biphenyl	9.41	154	959562	36.42	ng		99
46) 2-Chloronaphthalene	9.44	162	800499	39.86	ng		99
47) 2-Nitroaniline	9.53	65	270161	43.41	ng	#	79
48) Acenaphthylene	9.85	152	1195290	38.24	ng		98
49) Dimethylphthalate	9.72	163	945055	39.93	ng		99
50) 2,6-Dinitrotoluene	9.77	165	194617	38.44	ng		92
51) Acenaphthene	10.02	154	726584	38.29	ng		99
52) 3-Nitroaniline	9.94	138	170168	28.09	ng		99
53) 2,4-Dinitrophenol	10.05	184	73916	33.91	ng	#	42
54) Dibenzofuran	10.20	168	1017213	40.91	ng		99
55) 4-Nitrophenol	10.10	139	307101	64.51	ng	#	81
56) 2,4-Dinitrotoluene	10.18	165	308465	47.60	ng	#	72
57) Fluorene	10.54	166	776661	39.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	189561	43.35	ng		94
59) Diethylphthalate	10.41	149	867645	37.78	ng		96
60) 4-Chlorophenyl-phenylether	10.53	204	375151	39.48	ng		91
61) 4-Nitroaniline	10.56	138	243961	43.06	ng		94
62) Azobenzene	10.69	77	952721	42.10	ng		96
64) 4,6-Dinitro-2-methylphenol	10.58	198	79424	22.26	ng	#	69
65) n-Nitrosodiphenylamine	10.65	169	766613	41.37	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	231554	40.03	ng	#	85
67) Hexachlorobenzene	11.09	284	249911	40.49	ng	#	83
68) Atrazine	11.18	200	246439	47.82	ng		98
69) Pentachlorophenol	11.28	266	227088	66.29	ng		99
70) Phenanthrene	11.50	178	1292595	41.40	ng		98
71) Anthracene	11.56	178	1312407	39.59	ng		99
72) Carbazole	11.70	167	1093994	37.64	ng		98
73) Di-n-butylphthalate	12.04	149	1339333	36.45	ng		99
74) Fluoranthene	12.69	202	1215459	38.79	ng		97
76) Benzidine	12.81	184	455546	32.37	ng		98
77) Pyrene	12.92	202	1261864	35.46	ng		99
79) Butylbenzylphthalate	13.53	149	559571	34.65	ng		91
80) Benzo(a)anthracene	14.11	228	1078763	38.11	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	169537	18.99	ng	#	96
82) Chrysene	14.14	228	1012143	38.71	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	784240	36.91	ng	#	98
84) Di-n-octyl phthalate	14.70	149	1207153	37.30	ng		97
85) Indeno(1,2,3-cd)pyrene	17.04	276	669843	32.82	ng		98
87) Benzo(b)fluoranthene	15.16	252	879169	43.17	ng	#	94
88) Benzo(k)fluoranthene	15.18	252	687398m	41.85	ng		
89) Benzo(a)pyrene	15.52	252	722401	42.81	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	558519	38.77	ng	#	94
91) Benzo(g,h,i)perylene	17.49	276	566529	39.11	ng		96

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

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