Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085376.D
Acq On : 11 Mar 2016 17:07
Operator : UM/SJ
Sample : PB88797BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

Quant Time: Mar 14 02:01:05 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	6.94	152	158259	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	618179	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	290381	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	531661	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	322790	20.00	ng		-0.05
86) Perylene-d12	15.57	264	266376	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1030371	109.21	ng		-0.03
7) Phenol-d6	6.56	99	1468580	118.81	ng		-0.05
23) Nitrobenzene-d5	7.50	82	898054	77.74	ng		-0.05
41) 2,4,6-Tribromophenol	10.78	330	348317	140.19	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1594063	83.49	ng		-0.05
78) Terphenyl-d14	13.05	244	1294593	93.10	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	154605	32.04	ng		96
3) Pyridine	3.44	79	377870	31.29	ng		98
4) n-Nitrosodimethylamine	3.37	42	197568	38.23	ng		97
6) Aniline	6.60	93	351109	20.27	ng		97
8) 2-Chlorophenol	6.72	128	470784	41.45	ng		93
9) Benzaldehyde	6.48	77	111256	15.73	ng		88
10) Phenol	6.57	94	458653m	34.64	ng		
11) bis(2-Chloroethyl)ether	6.68	93	423604	38.52	ng		93
12) 1,3-Dichlorobenzene	6.87	146	439088m	36.01	ng		
13) 1,4-Dichlorobenzene	6.95	146	447603	36.62	ng		98
14) 1,2-Dichlorobenzene	7.11	146	459107	41.40	ng		96
15) Benzyl Alcohol	7.08	79	377700	41.62	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	521830	32.92	ng		98
17) 2-Methylphenol	7.19	107	382691	41.29	ng		97
18) Hexachloroethane	7.45	117	178202	39.52	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	289629	35.95	ng	#	92
20) 3+4-Methylphenols	7.34	107	422023	38.44	ng		92
22) Acetophenone	7.35	105	591038	39.17	ng	#	95
24) Nitrobenzene	7.52	77	501500	42.73	ng		93
25) Isophorone	7.76	82	857412	40.05	ng		96
26) 2-Nitrophenol	7.84	139	235082	41.16	ng		97
27) 2,4-Dimethylphenol	7.88	122	455229	43.62	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	495072	41.52	ng		99
29) 2,4-Dichlorophenol	8.08	162	369931	43.95	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	360224	39.58	ng		99
31) Naphthalene	8.24	128	1185363	39.00	ng		99
32) Benzoic acid	7.99	122	297595	42.93	ng		98
33) 4-Chloroaniline	8.29	127	113403	9.22	ng		96
34) Hexachlorobutadiene	8.37	225	200307	42.30	ng		98
35) Caprolactam	8.66	113	124859m	45.42	ng		
36) 4-Chloro-3-methylphenol	8.78	107	413684	43.32	ng		89
37) 2-Methylnaphthalene	8.94	142	864122	44.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	321465	38.71	ng		98
40) Hexachlorocyclopentadiene	9.09	237	332980	74.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	250398	40.51	ng		97
43) 2,4,5-Trichlorophenol	9.26	196	262110	44.72	ng	#	93
45) 1,1'-Biphenyl	9.41	154	960971	38.74	ng		92
46) 2-Chloronaphthalene	9.43	162	772939	40.87	ng		98
47) 2-Nitroaniline	9.52	65	253034	43.18	ng	#	82
48) Acenaphthylene	9.84	152	1137618	38.65	ng		99
49) Dimethylphthalate	9.70	163	919757	41.27	ng		100
50) 2,6-Dinitrotoluene	9.76	165	178195	37.37	ng	#	85
51) Acenaphthene	10.01	154	774278	43.33	ng		98
52) 3-Nitroaniline	9.93	138	105387	18.47	ng		91
53) 2,4-Dinitrophenol	10.04	184	184468	76.62	ng	#	59
54) Dibenzofuran	10.18	168	981184	41.91	ng		98
55) 4-Nitrophenol	10.09	139	333203	74.33	ng	#	76
56) 2,4-Dinitrotoluene	10.17	165	280895	46.03	ng	#	70
57) Fluorene	10.53	166	724118	39.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	186052	45.18	ng		99
59) Diethylphthalate	10.40	149	850964	39.35	ng		96
60) 4-Chlorophenyl-phenylether	10.52	204	358861	40.10	ng		88
61) 4-Nitroaniline	10.55	138	220042	41.24	ng		94
62) Azobenzene	10.68	77	931145	43.70	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	120436	37.83	ng	#	55
65) n-Nitrosodiphenylamine	10.64	169	727693	44.01	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	208454	40.38	ng	#	80
67) Hexachlorobenzene	11.08	284	214005	38.86	ng	#	76
68) Atrazine	11.17	200	231928	50.43	ng		98
69) Pentachlorophenol	11.27	266	252562	82.62	ng		99
70) Phenanthrene	11.49	178	1149932	41.27	ng		98
71) Anthracene	11.54	178	1198424	40.52	ng		99
72) Carbazole	11.69	167	986023	38.02	ng		98
73) Di-n-butylphthalate	12.02	149	1246037	38.01	ng		100
74) Fluoranthene	12.68	202	1063537	38.04	ng		96
76) Benzidine	12.80	184	402103	41.86	ng		98
77) Pyrene	12.91	202	1085448	44.68	ng		99
79) Butylbenzylphthalate	13.52	149	512129	46.46	ng		99
80) Benzo(a)anthracene	14.09	228	761603	39.41	ng		100
81) 3,3'-Dichlorobenzidine	14.06	252	140296	23.01	ng	#	95
82) Chrysene	14.14	228	730110	40.90	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	684356	47.18	ng	#	99
84) Di-n-octyl phthalate	14.70	149	1076483	48.72	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	726745	52.17	ng		98
87) Benzo(b)fluoranthene	15.15	252	666956	37.56	ng	#	96
88) Benzo(k)fluoranthene	15.17	252	626156m	43.72	ng		
89) Benzo(a)pyrene	15.51	252	635317	43.18	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	602289	47.95	ng		96
91) Benzo(g,h,i)perylene	17.48	276	614651	48.67	ng		99

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

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