Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085782.D
Acq On : 26 Mar 2016 1:04
Operator : UM/SJ
Sample : H1834-08MS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13MS

Manual Integrations APPROVED
Sohil
3/28/2016 8:00:57 PM

Quant Time: Mar 26 03:27:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107787	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	413909	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	171109	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	266322	20.00	ng		0.00
75) Chrysene-d12	13.98	240	216068	20.00	ng		0.00
86) Perylene-d12	15.40	264	183712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	783262	121.02	ng		0.02
7) Phenol-d6	6.47	99	1019829	123.93	ng		0.01
23) Nitrobenzene-d5	7.40	82	642036	87.35	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	176480	108.55	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	988604	96.53	ng		0.00
78) Terphenyl-d14	12.93	244	671025	63.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	110714	35.82	ng		96
3) Pyridine	3.18	79	151431	20.44	ng		96
4) n-Nitrosodimethylamine	3.11	42	140615	47.41	ng		96
6) Aniline	6.49	93	158265	14.29	ng		96
8) 2-Chlorophenol	6.61	128	310396	41.28	ng		88
9) Benzaldehyde	6.37	77	60629	12.23	ng		97
10) Phenol	6.48	94	437194	46.90	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	297802m	41.51	ng		
12) 1,3-Dichlorobenzene	6.77	146	343551m	42.43	ng		
13) 1,4-Dichlorobenzene	6.85	146	341603	41.60	ng		93
14) 1,2-Dichlorobenzene	7.00	146	319548	41.75	ng		97
15) Benzyl Alcohol	6.97	79	246459	44.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	395930	41.59	ng		96
17) 2-Methylphenol	7.09	107	256304	42.57	ng		98
18) Hexachloroethane	7.34	117	112766	37.50	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	220058	44.66	ng		96
20) 3+4-Methylphenols	7.25	107	316894	43.78	ng	#	79
22) Acetophenone	7.24	105	414624	43.00	ng		96
24) Nitrobenzene	7.42	77	318970	42.10	ng	#	77
25) Isophorone	7.65	82	598233	42.25	ng		99
26) 2-Nitrophenol	7.73	139	146604	38.68	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	284235	42.90	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	394635	48.92	ng		99
29) 2,4-Dichlorophenol	7.98	162	246448	44.25	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	267872	43.32	ng		93
31) Naphthalene	8.14	128	889500	42.65	ng		99
32) Benzoic acid	7.85	122	23093m	5.25	ng		
33) 4-Chloroaniline	8.18	127	69007	8.10	ng	#	95
34) Hexachlorobutadiene	8.25	225	143841	42.80	ng		98
35) Caprolactam	8.55	113	67278	34.10	ng		94
36) 4-Chloro-3-methylphenol	8.68	107	272897	41.95	ng		98
37) 2-Methylnaphthalene	8.82	142	556326	46.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	235716	46.45	ng		99
40) Hexachlorocyclopentadiene	8.97	237	32541	22.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	159955	46.67	ng		96
43) 2,4,5-Trichlorophenol	9.16	196	154819	43.08	ng		99
45) 1,1'-Biphenyl	9.29	154	672601	46.58	ng		94
46) 2-Chloronaphthalene	9.32	162	501819	47.27	ng		96
47) 2-Nitroaniline	9.41	65	141053	43.45	ng		85
48) Acenaphthylene	9.73	152	762433	44.07	ng		99
49) Dimethylphthalate	9.59	163	773634	59.59	ng		99
50) 2,6-Dinitrotoluene	9.66	165	130617	46.74	ng	#	69
51) Acenaphthene	9.90	154	444447	42.06	ng		100
52) 3-Nitroaniline	9.82	138	84133	26.30	ng		97
53) 2,4-Dinitrophenol	9.93	184	16417	16.79	ng		93
54) Dibenzofuran	10.07	168	622863	45.54	ng		97
55) 4-Nitrophenol	9.99	139	140852	67.60	ng		88
56) 2,4-Dinitrotoluene	10.06	165	150042	42.25	ng	#	67
57) Fluorene	10.41	166	484984	42.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	106454	42.62	ng		95
59) Diethylphthalate	10.29	149	553799	43.18	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	209928	37.77	ng		95
61) 4-Nitroaniline	10.44	138	120597	39.42	ng		96
62) Azobenzene	10.56	77	548121	44.47	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	22368	14.34	ng	#	66
65) n-Nitrosodiphenylamine	10.53	169	441418	52.33	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	131028	48.09	ng		97
67) Hexachlorobenzene	10.96	284	133357	46.80	ng	#	92
68) Atrazine	11.05	200	137651	48.33	ng		99
69) Pentachlorophenol	11.16	266	120833	86.38	ng		99
70) Phenanthrene	11.37	178	678882	49.65	ng		99
71) Anthracene	11.42	178	615353	42.86	ng		99
72) Carbazole	11.58	167	575742	47.77	ng		99
73) Di-n-butylphthalate	11.91	149	788291	47.66	ng		100
74) Fluoranthene	12.56	202	626661	43.11	ng		89
76) Benzidine	12.68	184	117672	15.46	ng		99
77) Pyrene	12.79	202	646488	36.40	ng		99
79) Butylbenzylphthalate	13.41	149	314279	42.25	ng		97
80) Benzo(a)anthracene	13.97	228	544701	44.21	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	132951	15.55	ng		99
82) Chrysene	14.01	228	519631	41.87	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	424327	47.65	ng		100
84) Di-n-octyl phthalate	14.57	149	777396	58.70	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	415787	43.39	ng		99
87) Benzo(b)fluoranthene	15.00	252	514339m	44.44	ng		
88) Benzo(k)fluoranthene	15.02	252	495821m	47.52	ng		
89) Benzo(a)pyrene	15.34	252	458683	44.64	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	360384	37.75	ng		97
91) Benzo(g,h,i)perylene	17.20	276	324978	33.61	ng		98

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

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