Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087609.D
Acq On : 1 Jun 2016 7:11
Operator : UM/SJ
Sample : H3323-08MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMS

Manual Integrations APPROVED
sohil
6/1/2016 6:34:31 PM

Quant Time: Jun 01 13:31:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 07:48:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	111916	20.00	ng		-0.01
21) Naphthalene-d8	9.47	136	458244	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	200529	20.00	ng		-0.01
63) Phenanthrene-d10	14.71	188	332082	20.00	ng		0.00
75) Chrysene-d12	18.42	240	250914	20.00	ng		0.00
86) Perylene-d12	20.10	264	213636	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	752834	118.20	ng		0.01
7) Phenol-d6	7.02	99	990480	115.09	ng		0.00
23) Nitrobenzene-d5	8.36	82	685291	75.37	ng		-0.01
41) 2,4,6-Tribromophenol	13.60	330	201219	104.42	ng		-0.01
44) 2-Fluorobiphenyl	11.24	172	1085040	76.28	ng		-0.01
78) Terphenyl-d14	17.06	244	785140	66.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	78617	23.39	ng	#	67
3) Pyridine	2.39	79	181091	24.65	ng	#	63
4) n-Nitrosodimethylamine	2.35	42	206405	36.46	ng	#	43
6) Aniline	6.96	93	303794	27.29	ng		92
8) 2-Chlorophenol	7.13	128	308123	38.79	ng		89
9) Benzaldehyde	6.82	77	35148	7.40	ng		98
10) Phenol	7.04	94	379252	40.36	ng		77
11) bis(2-Chloroethyl)ether	7.08	93	314048	41.29	ng		85
12) 1,3-Dichlorobenzene	7.34	146	310200	35.81	ng	#	93
13) 1,4-Dichlorobenzene	7.46	146	322736m	36.29	ng		
14) 1,2-Dichlorobenzene	7.70	146	308542	37.50	ng		100
15) Benzyl Alcohol	7.76	79	277444	44.22	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.94	45	596117	34.83	ng		87
17) 2-Methylphenol	7.99	107	243579	38.27	ng	#	89
18) Hexachloroethane	8.20	117	119359	35.97	ng		98
19) n-Nitroso-di-n-propylamine	8.17	70	249996	38.95	ng	#	71
20) 3+4-Methylphenols	8.25	107	322156	41.86	ng	#	60
22) Acetophenone	8.14	105	439460	40.14	ng	#	97
24) Nitrobenzene	8.40	77	360692	37.58	ng		98
25) Isophorone	8.79	82	616525	37.81	ng	#	98
26) 2-Nitrophenol	8.90	139	152521	38.88	ng	#	75
27) 2,4-Dimethylphenol	9.05	122	271908	39.93	ng	#	84
28) bis(2-Chloroethoxy)methane	9.16	93	366929	39.95	ng		98
29) 2,4-Dichlorophenol	9.35	162	240553	39.19	ng		98
30) 1,2,4-Trichlorobenzene	9.40	180	260395	37.06	ng		98
31) Naphthalene	9.51	128	875235	38.12	ng		100
32) Benzoic acid	9.38	122	67679m	22.78	ng		
33) 4-Chloroaniline	9.69	127	150646	17.81	ng	#	93
34) Hexachlorobutadiene	9.71	225	157421	36.86	ng		98
35) Caprolactam	10.30	113	70596m	39.41	ng		
36) 4-Chloro-3-methylphenol	10.55	107	271952	39.19	ng		94
37) 2-Methylnaphthalene	10.63	142	560388	39.07	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.90	216	240210	37.42	ng		99
40) Hexachlorocyclopentadiene	10.87	237	22249	16.89	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	155441	41.95	ng		95
43) 2,4,5-Trichlorophenol	11.24	196	137268	36.38	ng	#	86
45) 1,1'-Biphenyl	11.40	154	678297	40.18	ng		99
46) 2-Chloronaphthalene	11.42	162	493018	38.17	ng		94
47) 2-Nitroaniline	11.66	65	203622	43.75	ng		85
48) Acenaphthylene	12.07	152	758579	37.10	ng		99
49) Dimethylphthalate	11.95	163	689097	42.90	ng		99
50) 2,6-Dinitrotoluene	12.06	165	122406	37.82	ng	#	68
51) Acenaphthene	12.35	154	460663	36.65	ng		98
52) 3-Nitroaniline	12.34	138	91200	27.45	ng	#	87
53) 2,4-Dinitrophenol	12.57	184	36725	26.90	ng	#	74
54) Dibenzofuran	12.64	168	686669	40.35	ng		94
55) 4-Nitrophenol	12.77	139	110682	69.85	ng	#	57
56) 2,4-Dinitrotoluene	12.73	165	161789	37.40	ng		94
57) Fluorene	13.19	166	532383	36.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	121357	41.81	ng		98
59) Diethylphthalate	13.11	149	611160	39.13	ng		98
60) 4-Chlorophenyl-phenylether	13.22	204	255393	35.49	ng		90
61) 4-Nitroaniline	13.35	138	104474	33.70	ng	#	71
62) Azobenzene	13.47	77	673714	41.58	ng		85
64) 4,6-Dinitro-2-methylphenol	13.41	198	38456	18.21	ng	#	63
65) n-Nitrosodiphenylamine	13.44	169	461510	42.97	ng		99
66) 4-Bromophenyl-phenylether	14.00	248	143304	39.45	ng		96
67) Hexachlorobenzene	14.08	284	139501	36.71	ng	#	79
68) Atrazine	14.35	200	138940	40.59	ng		92
69) Pentachlorophenol	14.45	266	100389	84.63	ng		97
70) Phenanthrene	14.74	178	709765	38.59	ng		99
71) Anthracene	14.82	178	710697	38.25	ng		99
72) Carbazole	15.13	167	622126	39.25	ng		99
73) Di-n-butylphthalate	15.69	149	823660	40.19	ng	#	98
74) Fluoranthene	16.51	202	669691	36.31	ng		94
76) Benzidine	16.75	184	270454	41.89	ng		96
77) Pyrene	16.82	202	660711	36.58	ng		99
79) Butylbenzylphthalate	17.73	149	313562	39.15	ng	#	85
80) Benzo(a)anthracene	18.41	228	548868	38.46	ng		99
81) 3,3'-Dichlorobenzidine	18.39	252	146079	18.53	ng	#	98
82) Chrysene	18.46	228	523489	36.96	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	431005	36.88	ng		98
84) Di-n-octyl phthalate	19.23	149	659734	37.02	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.33	276	416110	36.65	ng	#	92
87) Benzo(b)fluoranthene	19.69	252	458843m	33.72	ng		
88) Benzo(k)fluoranthene	19.71	252	507768m	43.35	ng		
89) Benzo(a)pyrene	20.05	252	432866	36.78	ng		98
90) Dibenzo(a,h)anthracene	21.31	278	351629	35.03	ng	#	95
91) Benzo(g,h,i)perylene	21.68	276	320096	32.32	ng	#	93

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

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