Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090099.D
Acq On : 15 Sep 2016 18:44
Operator : UM/SJ
Sample : H4758-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Manual Integrations APPROVED
sohil
9/20/2016 6:49:00 PM

Quant Time: Sep 16 03:36:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	169877	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	663436	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	289618	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	415378	20.00	ng	0.00
75) Chrysene-d12	13.67	240	324940	20.00	ng	0.00
86) Perylene-d12	14.99	264	270103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1391694	131.76	ng	0.01
7) Phenol-d6	6.22	99	1937040	140.08	ng	0.01
23) Nitrobenzene-d5	7.13	82	1131899	95.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	324017	111.38	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1542753	83.66	ng	0.00
78) Terphenyl-d14	12.63	244	990167	72.37	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.01	88	204565	37.09	ng	99
3) Pyridine	2.62	79	469163	34.02	ng	98
4) n-Nitrosodimethylamine	2.57	42	206302	46.25	ng	91
6) Aniline	6.27	93	383812m	22.36	ng	
8) 2-Chlorophenol	6.34	128	566252	46.53	ng	89
9) Benzaldehyde	6.09	77	64678	8.78	ng	93
10) Phenol	6.23	94	557402	35.91	ng	81
11) bis(2-Chloroethyl)ether	6.31	93	593571m	47.68	ng	
12) 1,3-Dichlorobenzene	6.49	146	559918	44.73	ng	99
13) 1,4-Dichlorobenzene	6.57	146	589180	45.59	ng	99
14) 1,2-Dichlorobenzene	6.73	146	480413	40.91	ng	99
15) Benzyl Alcohol	6.72	79	409671	52.61	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.86	45	678093	45.97	ng	97
17) 2-Methylphenol	6.84	107	475827	47.80	ng	94
18) Hexachloroethane	7.06	117	192738	41.10	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	379839	44.20	ng	99
20) 3+4-Methylphenols	6.99	107	573043	47.42	ng	94
22) Acetophenone	6.98	105	759920	47.32	ng	98
24) Nitrobenzene	7.14	77	566636	45.59	ng	99
25) Isophorone	7.39	82	1153319	46.68	ng	99
26) 2-Nitrophenol	7.46	139	292131	48.47	ng	98
27) 2,4-Dimethylphenol	7.52	122	479197	45.19	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	691848	47.74	ng	100
29) 2,4-Dichlorophenol	7.71	162	456144	48.70	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	435289	47.11	ng	100
31) Naphthalene	7.86	128	1432420	43.92	ng	99
32) Benzoic acid	7.62	122	61479	8.26	ng	93
33) 4-Chloroaniline	7.93	127	244463	17.61	ng	97
34) Hexachlorobutadiene	7.99	225	208803	44.13	ng	99
35) Caprolactam	8.31	113	140636m	44.96	ng	
36) 4-Chloro-3-methylphenol	8.42	107	471982	43.40	ng	97
37) 2-Methylnaphthalene	8.56	142	979498	48.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	318616	42.78	ng	100
40) Hexachlorocyclopentadiene	8.71	237	110657	28.59	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	264430	48.99	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	275304	47.42	ng	#	94
45) 1,1'-Biphenyl	9.02	154	909279	38.37	ng		100
46) 2-Chloronaphthalene	9.04	162	862890	49.14	ng		99
47) 2-Nitroaniline	9.14	65	290476	51.81	ng		90
48) Acenaphthylene	9.45	152	1383091	46.90	ng		99
49) Dimethylphthalate	9.34	163	1332666	61.95	ng		99
50) 2,6-Dinitrotoluene	9.39	165	227419	47.31	ng	#	54
51) Acenaphthene	9.62	154	810619	49.21	ng		99
52) 3-Nitroaniline	9.55	138	172706	29.53	ng		90
53) 2,4-Dinitrophenol	9.66	184	99064	37.91	ng		99
54) Dibenzofuran	9.79	168	1134931	49.82	ng		99
55) 4-Nitrophenol	9.74	139	290947	70.69	ng		89
56) 2,4-Dinitrotoluene	9.78	165	234938	40.09	ng		100
57) Fluorene	10.12	166	737584	44.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	197364	44.57	ng		94
59) Diethylphthalate	10.02	149	968921	46.52	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	309905	46.50	ng		99
61) 4-Nitroaniline	10.16	138	208046	35.14	ng		87
62) Azobenzene	10.28	77	1003506	45.92	ng		98
64) 4,6-Dinitro-2-methylphenol	10.19	198	81749	29.64	ng		85
65) n-Nitrosodiphenylamine	10.25	169	718287	54.57	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	211949	52.93	ng		97
67) Hexachlorobenzene	10.67	284	233850	49.56	ng		97
68) Atrazine	10.79	200	215738	55.16	ng		99
69) Pentachlorophenol	10.87	266	221783	80.24	ng		98
70) Phenanthrene	11.07	178	1048143	52.22	ng		99
71) Anthracene	11.13	178	1115228	50.88	ng		100
72) Carbazole	11.29	167	1075112	47.82	ng		99
73) Di-n-butylphthalate	11.63	149	1166775	46.28	ng		99
74) Fluoranthene	12.25	202	1055205	50.17	ng		99
76) Benzidine	12.39	184	35215	2.66	ng	#	77
77) Pyrene	12.48	202	1199341	50.57	ng		100
79) Butylbenzylphthalate	13.12	149	517273	43.80	ng		98
80) Benzo(a)anthracene	13.66	228	976742	51.49	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	208200	26.19	ng		98
82) Chrysene	13.69	228	687360	38.63	ng		100
83) Bis(2-ethylhexyl)phthalate	13.68	149	617470	42.27	ng		99
84) Di-n-octyl phthalate	14.29	149	1141915	43.73	ng		99
85) Indeno(1,2,3-cd)pyrene	16.18	276	667341	43.17	ng		100
87) Benzo(b)fluoranthene	14.65	252	949007m	59.93	ng		
88) Benzo(k)fluoranthene	14.67	252	610577m	42.83	ng		
89) Benzo(a)pyrene	14.95	252	697157	49.10	ng	#	94
90) Dibenzo(a,h)anthracene	16.21	278	545411	49.05	ng		98
91) Benzo(g,h,i)perylene	16.54	276	552628	52.07	ng		99

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

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