Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090660.D
Acq On : 19 Oct 2016 21:00
Operator : UM/SJ
Sample : H5317-03MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
101816-03MS

Manual Integrations APPROVED
sohil
10/20/2016 6:40:30 PM

Quant Time: Oct 20 11:58:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	224044	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1025916	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	517744	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	718736	20.00	ng		0.00
75) Chrysene-d12	14.06	240	494313	20.00	ng		0.00
86) Perylene-d12	15.50	264	438282	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1602872	131.16	ng		0.01
7) Phenol-d6	6.53	99	2018291	111.14	ng		0.00
23) Nitrobenzene-d5	7.46	82	1387029	75.10	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	435960	94.45	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1956381	62.26	ng		-0.01
78) Terphenyl-d14	13.00	244	1423241	67.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	215075	30.88	ng		100
3) Pyridine	3.29	79	596662m	38.22	ng		
4) n-Nitrosodimethylamine	3.24	42	254868	45.97	ng		94
6) Aniline	6.55	93	732718	33.39	ng		100
8) 2-Chlorophenol	6.68	128	645881	40.76	ng		83
9) Benzaldehyde	6.43	77	133813	11.59	ng		90
10) Phenol	6.54	94	827418	39.84	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	663692	38.73	ng		95
12) 1,3-Dichlorobenzene	6.83	146	616558	39.01	ng		99
13) 1,4-Dichlorobenzene	6.91	146	626524	36.45	ng		100
14) 1,2-Dichlorobenzene	7.06	146	612384	38.11	ng		98
15) Benzyl Alcohol	7.03	79	566402	45.79	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1001241	41.52	ng		90
17) 2-Methylphenol	7.15	107	502274	40.67	ng		99
18) Hexachloroethane	7.40	117	240529	35.41	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	537467	43.17	ng	#	92
20) 3+4-Methylphenols	7.31	107	661655	44.19	ng	#	70
22) Acetophenone	7.30	105	850541	37.53	ng	#	95
24) Nitrobenzene	7.47	77	697110	36.78	ng		98
25) Isophorone	7.71	82	1339418	39.85	ng		99
26) 2-Nitrophenol	7.79	139	269361	31.33	ng		96
27) 2,4-Dimethylphenol	7.83	122	579091	40.58	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	815659	41.10	ng		99
29) 2,4-Dichlorophenol	8.04	162	454169	36.34	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	519048	35.46	ng		98
31) Naphthalene	8.20	128	1860466	35.60	ng		99
32) Benzoic acid	7.93	122	103159	11.77	ng		99
33) 4-Chloroaniline	8.25	127	466306	23.35	ng		100
34) Hexachlorobutadiene	8.31	225	270737	33.10	ng		99
35) Caprolactam	8.62	113	153288	43.95	ng		89
36) 4-Chloro-3-methylphenol	8.74	107	565523	39.22	ng		89
37) 2-Methylnaphthalene	8.89	142	1025996	33.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	496276	36.15	ng		99
40) Hexachlorocyclopentadiene	9.05	237	337351	50.31	ng		99

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Quant Time: Oct 20 11:58:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	312882	40.41	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	324096	35.09	ng	#	89
45) 1,1'-Biphenyl	9.35	154	1320045	33.50	ng		98
46) 2-Chloronaphthalene	9.38	162	1014965	34.55	ng		98
47) 2-Nitroaniline	9.48	65	423205	39.74	ng		99
48) Acenaphthylene	9.80	152	1671575	35.73	ng		99
49) Dimethylphthalate	9.66	163	1843753	54.89	ng	#	99
50) 2,6-Dinitrotoluene	9.72	165	263628	35.87	ng	#	80
51) Acenaphthene	9.97	154	1019973	32.80	ng		99
52) 3-Nitroaniline	9.89	138	267903	29.05	ng		100
53) 2,4-Dinitrophenol	9.99	184	26347	11.81	ng	#	78
54) Dibenzofuran	10.14	168	1433543	35.05	ng		99
55) 4-Nitrophenol	10.06	139	325138	58.57	ng	#	84
56) 2,4-Dinitrotoluene	10.12	165	312898	31.34	ng	#	76
57) Fluorene	10.49	166	1136177	33.68	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	231033	30.03	ng	#	94
59) Diethylphthalate	10.36	149	1280524	37.59	ng		95
60) 4-Chlorophenyl-phenylether	10.47	204	558050	35.09	ng		97
61) 4-Nitroaniline	10.51	138	277518	30.01	ng		96
62) Azobenzene	10.63	77	1531667	38.87	ng		98
64) 4,6-Dinitro-2-methylphenol	10.53	198	27540	6.33	ng	#	63
65) n-Nitrosodiphenylamine	10.60	169	913900	38.49	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	286481	37.15	ng		95
67) Hexachlorobenzene	11.03	284	321337	38.38	ng	#	67
68) Atrazine	11.13	200	288809	43.98	ng		93
69) Pentachlorophenol	11.23	266	279090	67.25	ng		98
70) Phenanthrene	11.45	178	1461658	38.10	ng		99
71) Anthracene	11.49	178	1433718	34.72	ng		99
72) Carbazole	11.65	167	1292092	34.96	ng		99
73) Di-n-butylphthalate	11.98	149	1813535	41.88	ng		99
74) Fluoranthene	12.64	202	1222744	31.68	ng		99
76) Benzidine	12.76	184	527457	42.89	ng		96
77) Pyrene	12.86	202	1236410	37.77	ng		100
79) Butylbenzylphthalate	13.48	149	663677	45.76	ng		95
80) Benzo(a)anthracene	14.05	228	1014289	36.04	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	319491	33.23	ng	#	98
82) Chrysene	14.09	228	1046692	38.60	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	893293	45.65	ng		99
84) Di-n-octyl phthalate	14.65	149	1290247	49.17	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	916993	58.49	ng		98
87) Benzo(b)fluoranthene	15.09	252	953290	33.24	ng	#	97
88) Benzo(k)fluoranthene	15.12	252	938690m	30.42	ng		
89) Benzo(a)pyrene	15.45	252	886996	33.78	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	788734	39.39	ng		97
91) Benzo(g,h,i)perylene	17.38	276	683733	35.81	ng		98

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

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