Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091018.D
Acq On : 4 Nov 2016 11:14
Operator : UM/SJ
Sample : H5509-27MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MS

Manual Integrations APPROVED
sohil
11/7/2016 4:39:08 PM

Quant Time: Nov 04 12:06:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	174838	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	744585	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	389024	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	605154	20.00	ng		0.00
75) Chrysene-d12	13.86	240	507494	20.00	ng		0.00
86) Perylene-d12	15.24	264	352695	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	969443	91.58	ng		0.01
7) Phenol-d6	6.35	99	815988	56.79	ng		0.00
23) Nitrobenzene-d5	7.28	82	1196707	87.67	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	570988	162.35	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	2245702	99.38	ng		0.00
78) Terphenyl-d14	12.81	244	1800523	88.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	127154	21.00	ng		99
3) Pyridine	2.93	79	289077	20.41	ng		95
4) n-Nitrosodimethylamine	2.88	42	143113	25.54	ng		86
6) Aniline	6.36	93	519582	30.66	ng	#	82
8) 2-Chlorophenol	6.49	128	513710	40.68	ng		95
9) Benzaldehyde	6.25	77	90432	11.34	ng		95
10) Phenol	6.36	94	333803	20.99	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	595990	44.48	ng		96
12) 1,3-Dichlorobenzene	6.65	146	584938	45.80	ng		97
13) 1,4-Dichlorobenzene	6.72	146	594993	43.42	ng		94
14) 1,2-Dichlorobenzene	6.88	146	611341	48.61	ng		99
15) Benzyl Alcohol	6.85	79	362307	35.75	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	738643	38.49	ng		93
17) 2-Methylphenol	6.98	107	383268	38.34	ng		99
18) Hexachloroethane	7.22	117	239845	45.23	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	474116	47.61	ng		98
20) 3+4-Methylphenols	7.14	107	456791	38.06	ng		98
22) Acetophenone	7.12	105	862170	50.29	ng	#	97
24) Nitrobenzene	7.30	77	744354	49.38	ng		95
25) Isophorone	7.54	82	1252413	47.62	ng		97
26) 2-Nitrophenol	7.61	139	308832	48.41	ng		91
27) 2,4-Dimethylphenol	7.66	122	499966	47.39	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	845946	58.87	ng		99
29) 2,4-Dichlorophenol	7.86	162	478766	52.00	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	534744	51.65	ng		99
31) Naphthalene	8.02	128	1736391	48.76	ng		100
32) Benzoic acid	7.78	122	125231	18.68	ng		95
33) 4-Chloroaniline	8.08	127	411284	27.77	ng		98
34) Hexachlorobutadiene	8.13	225	287966	51.53	ng		99
35) Caprolactam	8.45	113	36557m	12.64	ng		
36) 4-Chloro-3-methylphenol	8.56	107	509011	45.66	ng		87
37) 2-Methylnaphthalene	8.70	142	1105322	48.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	558897	56.35	ng		99
40) Hexachlorocyclopentadiene	8.86	237	464814	117.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	344733	53.84	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	338977	50.42	ng	#	94
45) 1,1'-Biphenyl	9.17	154	1381924	48.65	ng		99
46) 2-Chloronaphthalene	9.20	162	1129103	52.35	ng		100
47) 2-Nitroaniline	9.30	65	415037	51.86	ng		98
48) Acenaphthylene	9.61	152	1564679	46.55	ng		99
49) Dimethylphthalate	9.48	163	1230122	48.22	ng		100
50) 2,6-Dinitrotoluene	9.54	165	271158	49.60	ng		94
51) Acenaphthene	9.78	154	976315	46.27	ng		99
52) 3-Nitroaniline	9.71	138	206251	31.81	ng		97
53) 2,4-Dinitrophenol	9.82	184	276747	91.92	ng		94
54) Dibenzofuran	9.95	168	1381434	48.64	ng		98
55) 4-Nitrophenol	9.88	139	183080	45.10	ng		93
56) 2,4-Dinitrotoluene	9.95	165	390214	56.10	ng		92
57) Fluorene	10.29	166	1073036	46.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	300867	57.13	ng		96
59) Diethylphthalate	10.18	149	1233511	47.16	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	584045	55.27	ng		98
61) 4-Nitroaniline	10.33	138	266919	40.70	ng		97
62) Azobenzene	10.45	77	1546588	50.23	ng		99
64) 4,6-Dinitro-2-methylphenol	10.36	198	187265	50.54	ng		89
65) n-Nitrosodiphenylamine	10.41	169	1013860	52.71	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	338662	53.80	ng	#	87
67) Hexachlorobenzene	10.84	284	402800	58.02	ng		93
68) Atrazine	10.94	200	314839	56.74	ng		98
69) Pentachlorophenol	11.04	266	346908	112.82	ng		99
70) Phenanthrene	11.25	178	1757467	54.63	ng		99
71) Anthracene	11.30	178	1612385	47.14	ng		100
72) Carbazole	11.46	167	1373018	44.55	ng		99
73) Di-n-butylphthalate	11.80	149	2076900	53.58	ng		100
74) Fluoranthene	12.43	202	1618132	48.50	ng		99
76) Benzidine	12.56	184	271318	23.93	ng		97
77) Pyrene	12.66	202	1571683	47.29	ng		100
79) Butylbenzylphthalate	13.29	149	833276	52.41	ng		96
80) Benzo(a)anthracene	13.85	228	1409890	48.93	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	317211	31.34	ng	#	97
82) Chrysene	13.88	228	1349869	47.51	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	1113972	51.78	ng	#	98
84) Di-n-octyl phthalate	14.47	149	1907625	53.93	ng		95
85) Indeno(1,2,3-cd)pyrene	16.57	276	1149213	48.75	ng		97
87) Benzo(b)fluoranthene	14.87	252	1375163m	57.49	ng		
88) Benzo(k)fluoranthene	14.89	252	926523m	44.15	ng		
89) Benzo(a)pyrene	15.20	252	1053019	50.57	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	984876	54.71	ng	#	96
91) Benzo(g,h,i)perylene	16.96	276	899246	55.23	ng		98

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

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