Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090607.D
Acq On : 17 Oct 2016 15:05
Operator : UM/SJ
Sample : H5263-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

Manual Integrations APPROVED
SOHIL
10/18/2016 6:05:36 PM

Quant Time: Oct 18 11:18:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 15:58:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	183089	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	772479	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	396465	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	644578	20.00	ng		0.00
75) Chrysene-d12	14.09	240	666735	20.00	ng		0.00
86) Perylene-d12	15.54	264	406274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1691981	169.42	ng		0.02
7) Phenol-d6	6.54	99	2130380	143.56	ng		0.00
23) Nitrobenzene-d5	7.48	82	1408458	101.28	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	581841	164.61	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	2162796	89.88	ng		0.00
78) Terphenyl-d14	13.02	244	2429016	84.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	231526	40.68	ng	#	91
3) Pyridine	3.33	79	431967m	33.86	ng		
4) n-Nitrosodimethylamine	3.29	42	209124	46.12	ng		78
6) Aniline	6.58	93	492109	27.44	ng		92
8) 2-Chlorophenol	6.69	128	609523	47.07	ng		94
9) Benzaldehyde	6.45	77	140855	14.93	ng		97
10) Phenol	6.57	94	808242	47.62	ng		94
11) bis(2-Chloroethyl)ether	6.65	93	639041	45.64	ng		96
12) 1,3-Dichlorobenzene	6.85	146	607657	47.05	ng	#	95
13) 1,4-Dichlorobenzene	6.92	146	616229	43.87	ng		94
14) 1,2-Dichlorobenzene	7.08	146	659157	50.20	ng		99
15) Benzyl Alcohol	7.06	79	513589	50.81	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.19	45	963021	48.87	ng		95
17) 2-Methylphenol	7.17	107	520984	51.62	ng		95
18) Hexachloroethane	7.42	117	263166	47.41	ng		96
19) n-Nitroso-di-n-propylamine	7.32	70	501975	49.33	ng		96
20) 3+4-Methylphenols	7.32	107	625876	51.16	ng	#	89
22) Acetophenone	7.32	105	858101	50.28	ng		94
24) Nitrobenzene	7.49	77	685496	48.03	ng		96
25) Isophorone	7.73	82	1323519	52.29	ng		97
26) 2-Nitrophenol	7.81	139	336353	51.95	ng		93
27) 2,4-Dimethylphenol	7.86	122	543816	50.62	ng		96
28) bis(2-Chloroethoxy)methane	7.95	93	816015	54.60	ng		100
29) 2,4-Dichlorophenol	8.05	162	464785	49.39	ng		92
30) 1,2,4-Trichlorobenzene	8.14	180	517423	46.94	ng		99
31) Naphthalene	8.22	128	1818424	46.21	ng		100
32) Benzoic acid	7.96	122	146431	22.19	ng		98
33) 4-Chloroaniline	8.27	127	200691	13.34	ng		96
34) Hexachlorobutadiene	8.34	225	298693	48.50	ng		100
35) Caprolactam	8.63	113	158374m	60.30	ng		
36) 4-Chloro-3-methylphenol	8.76	107	572176	52.70	ng	#	81
37) 2-Methylnaphthalene	8.91	142	1120550	48.49	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	552523	52.56	ng		99
40) Hexachlorocyclopentadiene	9.07	237	624273	121.57	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	346491	58.44	ng		98
43) 2,4,5-Trichlorophenol	9.24	196	346937	49.05	ng	#	83
45) 1,1'-Biphenyl	9.38	154	1468819	48.68	ng		99
46) 2-Chloronaphthalene	9.40	162	1121168	49.84	ng		99
47) 2-Nitroaniline	9.50	65	390516	47.89	ng	#	83
48) Acenaphthylene	9.81	152	1679991	46.90	ng		100
49) Dimethylphthalate	9.67	163	1483519	57.67	ng		99
50) 2,6-Dinitrotoluene	9.74	165	309701	55.02	ng		94
51) Acenaphthene	9.98	154	1156545	48.58	ng		99
52) 3-Nitroaniline	9.91	138	169242	23.96	ng		90
53) 2,4-Dinitrophenol	10.02	184	271175	88.12	ng	#	63
54) Dibenzofuran	10.17	168	1543460	49.28	ng		98
55) 4-Nitrophenol	10.09	139	464659	109.31	ng	#	71
56) 2,4-Dinitrotoluene	10.14	165	389641	50.96	ng		99
57) Fluorene	10.51	166	1108163	42.90	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	327604	55.61	ng	#	86
59) Diethylphthalate	10.38	149	1192770	45.72	ng	#	93
60) 4-Chlorophenyl-phenylether	10.50	204	584374	47.99	ng		93
61) 4-Nitroaniline	10.53	138	275026	38.83	ng		88
62) Azobenzene	10.66	77	1082472	35.87	ng		89
64) 4,6-Dinitro-2-methylphenol	10.55	198	206838	53.02	ng		84
65) n-Nitrosodiphenylamine	10.62	169	967197	45.43	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	372343	53.83	ng		94
67) Hexachlorobenzene	11.06	284	418975	55.80	ng	#	59
68) Atrazine	11.15	200	341684	58.02	ng		89
69) Pentachlorophenol	11.25	266	478128	128.47	ng		98
70) Phenanthrene	11.47	178	1646602	47.85	ng		100
71) Anthracene	11.51	178	1714826	46.31	ng		99
72) Carbazole	11.67	167	1612595	48.65	ng		99
73) Di-n-butylphthalate	12.01	149	1891478	48.70	ng		100
74) Fluoranthene	12.66	202	1902981	54.99	ng		97
76) Benzidine	12.78	184	193491	11.66	ng		96
77) Pyrene	12.89	202	1907397	43.19	ng		100
79) Butylbenzylphthalate	13.50	149	967159	49.44	ng		98
80) Benzo(a)anthracene	14.08	228	1849472	48.73	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	279516	21.56	ng		99
82) Chrysene	14.11	228	1591564	43.52	ng		98
83) Bis(2-ethylhexyl)phthalate	14.06	149	1312530	49.73	ng		99
84) Di-n-octyl phthalate	14.68	149	2048841	57.89	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1072674	50.73	ng		99
87) Benzo(b)fluoranthene	15.12	252	1528713	57.50	ng		99
88) Benzo(k)fluoranthene	15.15	252	1188943m	41.56	ng		
89) Benzo(a)pyrene	15.48	252	1182604	48.59	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	923728	49.77	ng		97
91) Benzo(g,h,i)perylene	17.42	276	854504	48.28	ng		97

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

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