Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090585.D
Acq On : 15 Oct 2016 4:26
Operator : UM/SJ
Sample : H5263-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
10/17/2016 6:37:18 PM

Quant Time: Oct 17 11:21:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	201318	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	842408	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	393507	20.00	ng		-0.01
63) Phenanthrene-d10	11.46	188	585916	20.00	ng		0.00
75) Chrysene-d12	14.10	240	366384	20.00	ng		0.00
86) Perylene-d12	15.55	264	310609	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1712846	155.98	ng		0.01
7) Phenol-d6	6.57	99	2396696	146.88	ng		0.01
23) Nitrobenzene-d5	7.49	82	1497535	98.75	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	529295	150.87	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2271809	95.12	ng		0.00
78) Terphenyl-d14	13.04	244	1734615	110.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	255396	40.81	ng		95
3) Pyridine	3.38	79	488857m	34.85	ng		
4) n-Nitrosodimethylamine	3.33	42	219723	44.39	ng		86
6) Aniline	6.59	93	552796	28.03	ng		99
8) 2-Chlorophenol	6.70	128	675875	47.46	ng		98
9) Benzaldehyde	6.46	77	165592	15.96	ng		96
10) Phenol	6.58	94	974552	52.22	ng		94
11) bis(2-Chloroethyl)ether	6.66	93	759147	49.30	ng		97
12) 1,3-Dichlorobenzene	6.86	146	680500	47.92	ng		95
13) 1,4-Dichlorobenzene	6.93	146	692855	44.86	ng		93
14) 1,2-Dichlorobenzene	7.09	146	718018	49.73	ng		97
15) Benzyl Alcohol	7.07	79	566950	51.01	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.19	45	995477	45.94	ng		98
17) 2-Methylphenol	7.18	107	565945	51.00	ng		96
18) Hexachloroethane	7.43	117	284023	46.54	ng		92
19) n-Nitroso-di-n-propylamine	7.34	70	554550	49.57	ng	#	84
20) 3+4-Methylphenols	7.33	107	652086	48.47	ng		91
22) Acetophenone	7.33	105	913369	49.08	ng	#	92
24) Nitrobenzene	7.50	77	709560	45.59	ng		97
25) Isophorone	7.74	82	1460951	52.93	ng		98
26) 2-Nitrophenol	7.82	139	365958	51.83	ng		95
27) 2,4-Dimethylphenol	7.87	122	615382	52.52	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	901908	55.34	ng		99
29) 2,4-Dichlorophenol	8.06	162	491259	47.87	ng		88
30) 1,2,4-Trichlorobenzene	8.15	180	574333	47.78	ng		99
31) Naphthalene	8.23	128	2025257	47.19	ng		100
32) Benzoic acid	7.97	122	160508	22.30	ng		95
33) 4-Chloroaniline	8.28	127	178141	10.86	ng		96
34) Hexachlorobutadiene	8.35	225	342177	50.95	ng		99
35) Caprolactam	8.65	113	152741m	53.33	ng		
36) 4-Chloro-3-methylphenol	8.77	107	600153	50.68	ng	#	84
37) 2-Methylnaphthalene	8.92	142	1200322	47.63	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	575451	55.15	ng		99
40) Hexachlorocyclopentadiene	9.08	237	432159	84.79	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	339217	57.64	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	351811	50.11	ng	#	84
45) 1,1'-Biphenyl	9.39	154	1552203	51.83	ng		98
46) 2-Chloronaphthalene	9.41	162	1151742	51.59	ng		99
47) 2-Nitroaniline	9.51	65	406532	50.22	ng		94
48) Acenaphthylene	9.82	152	1688524	47.49	ng		100
49) Dimethylphthalate	9.69	163	1482606	58.07	ng		99
50) 2,6-Dinitrotoluene	9.75	165	298953	53.51	ng		96
51) Acenaphthene	9.99	154	1109646	46.96	ng		100
52) 3-Nitroaniline	9.93	138	200555	28.61	ng		99
53) 2,4-Dinitrophenol	10.03	184	150317	51.72	ng	#	74
54) Dibenzofuran	10.18	168	1525775	49.08	ng		98
55) 4-Nitrophenol	10.09	139	398086	94.36	ng		95
56) 2,4-Dinitrotoluene	10.15	165	390009	51.40	ng		91
57) Fluorene	10.52	166	1259017	49.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	305563	52.26	ng		97
59) Diethylphthalate	10.39	149	1383279	53.42	ng	#	94
60) 4-Chlorophenyl-phenylether	10.51	204	629499	52.08	ng		98
61) 4-Nitroaniline	10.54	138	281126	39.99	ng		97
62) Azobenzene	10.67	77	1641877	54.82	ng		98
64) 4,6-Dinitro-2-methylphenol	10.57	198	130098	36.69	ng		98
65) n-Nitrosodiphenylamine	10.63	169	1032778	53.36	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	341719	54.35	ng		99
67) Hexachlorobenzene	11.07	284	340121	49.83	ng	#	61
68) Atrazine	11.16	200	295897	55.28	ng		90
69) Pentachlorophenol	11.26	266	343956	101.67	ng		99
70) Phenanthrene	11.48	178	1590715	50.86	ng		99
71) Anthracene	11.53	178	1685677	50.08	ng		99
72) Carbazole	11.69	167	1470249	48.79	ng		100
73) Di-n-butylphthalate	12.02	149	1947374	55.16	ng		100
74) Fluoranthene	12.67	202	1299038	41.29	ng		98
76) Benzidine	12.80	184	253849	27.85	ng		97
77) Pyrene	12.90	202	1294440	53.34	ng		99
79) Butylbenzylphthalate	13.52	149	688473	64.04	ng		98
80) Benzo(a)anthracene	14.09	228	1007602	48.31	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	286379	40.19	ng		99
82) Chrysene	14.12	228	1075705	53.53	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1014882	69.97	ng		100
84) Di-n-octyl phthalate	14.68	149	1368039	70.35	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.01	276	940889	80.97	ng		98
87) Benzo(b)fluoranthene	15.13	252	1056911m	52.00	ng		
88) Benzo(k)fluoranthene	15.16	252	815616m	37.30	ng		
89) Benzo(a)pyrene	15.49	252	895269	48.11	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	820266	57.80	ng		98
91) Benzo(g,h,i)perylene	17.45	276	696786	51.50	ng		97

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

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