Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090608.D
Acq On : 17 Oct 2016 15:32
Operator : UM/SJ
Sample : H5263-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
SOHIL
10/18/2016 6:05:38 PM

Quant Time: Oct 18 11:23:30 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	181276	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	772663	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	396381	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	665255	20.00	ng		0.00
75) Chrysene-d12	14.09	240	631971	20.00	ng		0.00
86) Perylene-d12	15.54	264	393427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1622038	164.04	ng		0.02
7) Phenol-d6	6.55	99	2180913	148.43	ng		0.01
23) Nitrobenzene-d5	7.48	82	1277373	91.84	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	584874	165.50	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	2153138	89.50	ng		0.00
78) Terphenyl-d14	13.04	244	2434030	89.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	236036	41.88	ng		94
3) Pyridine	3.33	79	421659m	33.38	ng		
4) n-Nitrosodimethylamine	3.29	42	196790	44.19	ng	#	72
6) Aniline	6.58	93	511344	28.80	ng		95
8) 2-Chlorophenol	6.69	128	620360	48.38	ng		99
9) Benzaldehyde	6.45	77	151103	16.18	ng		97
10) Phenol	6.57	94	839085	49.93	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	677824	48.89	ng		98
12) 1,3-Dichlorobenzene	6.85	146	610768	47.77	ng		96
13) 1,4-Dichlorobenzene	6.92	146	637684m	45.85	ng		
14) 1,2-Dichlorobenzene	7.08	146	656661	50.51	ng		98
15) Benzyl Alcohol	7.06	79	530223	52.98	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	823501	42.20	ng		98
17) 2-Methylphenol	7.17	107	518328	51.87	ng		95
18) Hexachloroethane	7.42	117	241881	44.01	ng		91
19) n-Nitroso-di-n-propylamine	7.32	70	447180	44.39	ng	#	91
20) 3+4-Methylphenols	7.32	107	583667	48.18	ng	#	86
22) Acetophenone	7.32	105	798186	46.76	ng	#	90
24) Nitrobenzene	7.49	77	647361	45.35	ng		94
25) Isophorone	7.73	82	1226658	48.46	ng		96
26) 2-Nitrophenol	7.81	139	340622	52.60	ng		88
27) 2,4-Dimethylphenol	7.86	122	516546	48.07	ng		95
28) bis(2-Chloroethoxy)methane	7.95	93	750044	50.18	ng		99
29) 2,4-Dichlorophenol	8.05	162	472795	50.23	ng		94
30) 1,2,4-Trichlorobenzene	8.13	180	525391	47.65	ng		96
31) Naphthalene	8.22	128	1761489	44.75	ng		99
32) Benzoic acid	7.96	122	135955	20.60	ng		95
33) 4-Chloroaniline	8.27	127	207080	13.77	ng		95
34) Hexachlorobutadiene	8.34	225	291468	47.32	ng		99
35) Caprolactam	8.63	113	158262m	60.24	ng		
36) 4-Chloro-3-methylphenol	8.76	107	570690	52.55	ng	#	80
37) 2-Methylnaphthalene	8.91	142	1119573	48.43	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	547058	52.05	ng		99
40) Hexachlorocyclopentadiene	9.07	237	618764	120.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	343079	57.87	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	349562	49.43	ng	#	82
45) 1,1'-Biphenyl	9.38	154	1466015	48.60	ng		99
46) 2-Chloronaphthalene	9.40	162	1113820	49.53	ng		100
47) 2-Nitroaniline	9.50	65	400395	49.11	ng		89
48) Acenaphthylene	9.81	152	1686771	47.10	ng		100
49) Dimethylphthalate	9.67	163	1477790	57.46	ng		100
50) 2,6-Dinitrotoluene	9.74	165	305130	54.22	ng		94
51) Acenaphthene	9.99	154	1207141	50.71	ng		100
52) 3-Nitroaniline	9.91	138	167037	23.65	ng		93
53) 2,4-Dinitrophenol	10.02	184	275552	89.47	ng	#	68
54) Dibenzofuran	10.17	168	1621074	51.77	ng		100
55) 4-Nitrophenol	10.09	139	483050	113.67	ng	#	75
56) 2,4-Dinitrotoluene	10.14	165	391297	51.19	ng		88
57) Fluorene	10.51	166	1293448	50.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	320482	54.41	ng		100
59) Diethylphthalate	10.38	149	1391238	53.34	ng	#	94
60) 4-Chlorophenyl-phenylether	10.50	204	624844	51.32	ng		98
61) 4-Nitroaniline	10.53	138	331428	46.81	ng		97
62) Azobenzene	10.66	77	1520015	50.38	ng		97
64) 4,6-Dinitro-2-methylphenol	10.55	198	216148	53.69	ng		95
65) n-Nitrosodiphenylamine	10.62	169	1082539	49.26	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	385668	54.03	ng		96
67) Hexachlorobenzene	11.06	284	419749	54.16	ng	#	61
68) Atrazine	11.15	200	354068	58.26	ng		91
69) Pentachlorophenol	11.25	266	481239	125.28	ng		97
70) Phenanthrene	11.47	178	1637017	46.10	ng		99
71) Anthracene	11.51	178	1700688	44.50	ng		100
72) Carbazole	11.67	167	1587002	46.39	ng		99
73) Di-n-butylphthalate	12.01	149	1857431	46.34	ng		100
74) Fluoranthene	12.66	202	1886484	52.81	ng		97
76) Benzidine	12.78	184	208918	13.29	ng		97
77) Pyrene	12.89	202	1867537	44.62	ng		100
79) Butylbenzylphthalate	13.50	149	833094	44.93	ng		94
80) Benzo(a)anthracene	14.08	228	1660849	46.17	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	305719	24.87	ng	#	98
82) Chrysene	14.11	228	1475447	42.56	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	1090810	43.60	ng		99
84) Di-n-octyl phthalate	14.68	149	2023937	60.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	1090615	54.41	ng		99
87) Benzo(b)fluoranthene	15.12	252	1491036	57.92	ng		99
88) Benzo(k)fluoranthene	15.15	252	1226493m	44.28	ng		
89) Benzo(a)pyrene	15.48	252	1146306	48.64	ng		99
90) Dibenzo(a,h)anthracene	17.01	278	936516	52.10	ng		98
91) Benzo(g,h,i)perylene	17.42	276	873629	50.97	ng		96

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

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