Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103043.D
Acq On : 16 Feb 2018 11:11
Operator : SJ/JU
Sample : PB106576BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106576BS

Manual Integrations APPROVED
Sohil
2/19/2018 11:09:20 AM

Quant Time: Feb 16 14:36:14 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	200138	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	844933	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	389890	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	671109	20.00	ng		0.00
75) Chrysene-d12	14.06	240	466999	20.00	ng		0.00
86) Perylene-d12	15.54	264	412362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1400458	106.27	ng		0.02
7) Phenol-d6	6.52	99	1697501	106.98	ng		0.00
23) Nitrobenzene-d5	7.45	82	1112261	91.32	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	360534	114.89	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1740234	74.06	ng		0.00
78) Terphenyl-d14	12.99	244	1576246	79.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	230595	35.426	ng		88
3) Pyridine	3.53	79	668698	37.183	ng		94
4) n-Nitrosodimethylamine	3.48	42	317903	41.316	ng		99
6) Aniline	6.55	93	549139	23.434	ng		95
8) 2-Chlorophenol	6.67	128	539786	39.785	ng		97
9) Benzaldehyde	6.43	77	117717	9.990	ng		98
10) Phenol	6.53	94	678883	39.922	ng		90
11) bis(2-Chloroethyl)ether	6.62	93	537621	37.994	ng		92
12) 1,3-Dichlorobenzene	6.82	146	565834	36.014	ng		97
13) 1,4-Dichlorobenzene	6.89	146	567121	36.236	ng		99
14) 1,2-Dichlorobenzene	7.05	146	518047	35.538	ng		98
15) Benzyl Alcohol	7.02	79	472991	38.771	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	927004	34.486	ng		100
17) 2-Methylphenol	7.13	107	474083	37.882	ng		97
18) Hexachloroethane	7.39	117	211441	39.398	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	362775	34.675	ng		97
20) 3+4-Methylphenols	7.29	107	532620	34.512	ng	#	70
22) Acetophenone	7.29	105	717604	34.707	ng	#	86
24) Nitrobenzene	7.46	77	595209	41.539	ng		99
25) Isophorone	7.70	82	1113070	39.687	ng		98
26) 2-Nitrophenol	7.77	139	317931	52.929	ng		96
27) 2,4-Dimethylphenol	7.81	122	525926	44.386	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	686039	41.292	ng		100
29) 2,4-Dichlorophenol	8.02	162	455209	42.260	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	446166	36.614	ng		98
31) Naphthalene	8.19	128	1525313	36.949	ng		100
32) Benzoic acid	7.90	122	61103	15.406	ng		98
33) 4-Chloroaniline	8.23	127	294933	16.584	ng		98
34) Hexachlorobutadiene	8.29	225	224224	35.909	ng		98
35) Caprolactam	8.62	113	158921m	42.483	ng		
36) 4-Chloro-3-methylphenol	8.72	107	514264	42.492	ng		100
37) 2-Methylnaphthalene	8.87	142	1017774	37.657	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	386899	36.445	ng		98
40) Hexachlorocyclopentadiene	9.02	237	331697	65.726	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	297211	42.624	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	305775	38.907	ng		97
45) 1,1'-Biphenyl	9.34	154	1170623	35.647	ng		99
46) 2-Chloronaphthalene	9.37	162	942498	36.455	ng		97
47) 2-Nitroaniline	9.46	65	359926	45.325	ng		92
48) Acenaphthylene	9.78	152	1417584	35.303	ng		99
49) Dimethylphthalate	9.64	163	1123652	36.962	ng		100
50) 2,6-Dinitrotoluene	9.70	165	253501	43.830	ng		95
51) Acenaphthene	9.95	154	828133	34.486	ng		99
52) 3-Nitroaniline	9.87	138	208806	29.341	ng		93
53) 2,4-Dinitrophenol	9.98	184	105569	63.672	ng	#	17
54) Dibenzofuran	10.13	168	1230678	36.366	ng		98
55) 4-Nitrophenol	10.05	139	428555	73.616	ng		92
56) 2,4-Dinitrotoluene	10.11	165	331963	43.129	ng		96
57) Fluorene	10.47	166	940515	38.197	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	230599	42.335	ng		98
59) Diethylphthalate	10.34	149	1089533	36.296	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	418195	38.394	ng		100
61) 4-Nitroaniline	10.49	138	304373	44.933	ng		94
62) Azobenzene	10.62	77	1105380	36.861	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	111754	42.078	ng		91
65) n-Nitrosodiphenylamine	10.58	169	865928	36.580	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	268095	37.765	ng	#	89
67) Hexachlorobenzene	11.02	284	279526	35.692	ng		98
68) Atrazine	11.10	200	268565	38.457	ng		97
69) Pentachlorophenol	11.22	266	255435	55.562	ng		100
70) Phenanthrene	11.43	178	1346818	36.034	ng		99
71) Anthracene	11.49	178	1402713	36.899	ng		100
72) Carbazole	11.64	167	1333847	35.815	ng		98
73) Di-n-butylphthalate	11.96	149	1706341	37.717	ng		99
74) Fluoranthene	12.62	202	1353686	35.997	ng		98
76) Benzidine	12.74	184	558935	26.041	ng		99
77) Pyrene	12.86	202	1374397	37.531	ng		99
79) Butylbenzylphthalate	13.46	149	728822	41.744	ng		98
80) Benzo(a)anthracene	14.05	228	1163162	39.604	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	256068	23.515	ng		98
82) Chrysene	14.09	228	1065491	35.989	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	983669	43.849	ng		99
84) Di-n-octyl phthalate	14.63	149	1569587	46.598	ng		100
85) Indeno(1,2,3-cd)pyrene	17.06	276	957111	38.979	ng		98
87) Benzo(b)fluoranthene	15.10	252	1059858m	39.643	ng		
88) Benzo(k)fluoranthene	15.14	252	920552	36.036	ng		99
89) Benzo(a)pyrene	15.48	252	937087	38.940	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	782347	40.053	ng		98
91) Benzo(g,h,i)perylene	17.52	276	820270	42.905	ng		98

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

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