Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102819.D
Acq On : 7 Feb 2018 17:37
Operator : SJ/JU
Sample : PB106347BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Manual Integrations APPROVED
Sohil
2/8/2018 1:41:18 PM

Quant Time: Feb 08 02:43:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	189259	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	794328	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	363507	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	630768	20.00	ng		0.00
75) Chrysene-d12	14.05	240	442460	20.00	ng		0.00
86) Perylene-d12	15.53	264	389697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1470963	118.03	ng		0.02
7) Phenol-d6	6.52	99	1790055	119.29	ng		0.01
23) Nitrobenzene-d5	7.45	82	1136698	99.27	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	385991	131.93	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1849279	84.42	ng		0.00
78) Terphenyl-d14	12.99	244	1688191	90.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	229407	37.269	ng		87
3) Pyridine	3.51	79	679680	39.967	ng		86
4) n-Nitrosodimethylamine	3.46	42	321013	44.118	ng	#	99
6) Aniline	6.55	93	510784	23.050	ng		98
8) 2-Chlorophenol	6.67	128	550201	42.884	ng		96
9) Benzaldehyde	6.43	77	173261	15.548	ng		97
10) Phenol	6.53	94	692038	43.035	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	540083	40.361	ng		91
12) 1,3-Dichlorobenzene	6.82	146	585166	39.386	ng		98
13) 1,4-Dichlorobenzene	6.90	146	581714	39.305	ng		99
14) 1,2-Dichlorobenzene	7.05	146	537869	39.019	ng		100
15) Benzyl Alcohol	7.02	79	492860	42.722	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	980471	38.572	ng		97
17) 2-Methylphenol	7.13	107	496443	41.949	ng		98
18) Hexachloroethane	7.39	117	211603	41.694	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	377447	38.152	ng		96
20) 3+4-Methylphenols	7.29	107	568273	38.939	ng	#	75
22) Acetophenone	7.29	105	751156	38.644	ng	#	94
24) Nitrobenzene	7.46	77	600294	44.568	ng		98
25) Isophorone	7.70	82	1106607	41.970	ng		100
26) 2-Nitrophenol	7.78	139	319040	55.913	ng		97
27) 2,4-Dimethylphenol	7.82	122	534332	47.968	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	675746	43.264	ng		99
29) 2,4-Dichlorophenol	8.02	162	463013	45.723	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	454740	39.695	ng		98
31) Naphthalene	8.19	128	1566838	40.373	ng		100
32) Benzoic acid	7.94	122	374501	47.709	ng		97
33) 4-Chloroaniline	8.23	127	186488	11.154	ng		98
34) Hexachlorobutadiene	8.30	225	228026	38.845	ng		100
35) Caprolactam	8.61	113	167045m	47.500	ng		
36) 4-Chloro-3-methylphenol	8.72	107	514940	45.258	ng		97
37) 2-Methylnaphthalene	8.88	142	1040549	40.952	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	381218	38.516	ng		97
40) Hexachlorocyclopentadiene	9.03	237	429495	91.282	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	303757	46.724	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	319743	43.637	ng		96
45) 1,1'-Biphenyl	9.35	154	1192845	38.960	ng		99
46) 2-Chloronaphthalene	9.37	162	960889	39.864	ng		99
47) 2-Nitroaniline	9.46	65	358820	48.224	ng		91
48) Acenaphthylene	9.79	152	1463600	39.094	ng		99
49) Dimethylphthalate	9.65	163	1130576	39.889	ng		100
50) 2,6-Dinitrotoluene	9.70	165	256775	47.618	ng		95
51) Acenaphthene	9.96	154	979891	43.767	ng		100
52) 3-Nitroaniline	9.87	138	177399	26.737	ng		95
53) 2,4-Dinitrophenol	9.98	184	234628	105.613	ng	#	18
54) Dibenzofuran	10.13	168	1284588	40.714	ng		96
55) 4-Nitrophenol	10.04	139	473543	86.503	ng		94
56) 2,4-Dinitrotoluene	10.11	165	348497	48.176	ng		96
57) Fluorene	10.47	166	960934	41.859	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	243431	47.934	ng		99
59) Diethylphthalate	10.35	149	1103619	39.434	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	419737	41.332	ng		98
61) 4-Nitroaniline	10.49	138	301461	47.733	ng		93
62) Azobenzene	10.62	77	1120331	40.071	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	155799	56.114	ng		95
65) n-Nitrosodiphenylamine	10.58	169	884398	39.750	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	273193	40.944	ng		96
67) Hexachlorobenzene	11.02	284	292457	39.731	ng		100
68) Atrazine	11.11	200	271378	41.345	ng		98
69) Pentachlorophenol	11.22	266	321201	74.336	ng		99
70) Phenanthrene	11.43	178	1395414	39.722	ng		99
71) Anthracene	11.49	178	1456869	40.774	ng		100
72) Carbazole	11.64	167	1385264	39.574	ng		99
73) Di-n-butylphthalate	11.97	149	1712048	40.263	ng		100
74) Fluoranthene	12.62	202	1449715	41.017	ng		98
76) Benzidine	12.74	184	425056	20.902	ng		99
77) Pyrene	12.85	202	1455817	41.959	ng		100
79) Butylbenzylphthalate	13.46	149	709699	42.874	ng		97
80) Benzo(a)anthracene	14.04	228	1181554	42.461	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	288585	27.971	ng		99
82) Chrysene	14.08	228	1131506	40.338	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	900985	42.391	ng		98
84) Di-n-octyl phthalate	14.63	149	1388468	43.507	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	992471	42.660	ng		99
87) Benzo(b)fluoranthene	15.09	252	1108974	43.893	ng		96
88) Benzo(k)fluoranthene	15.12	252	937080	38.817	ng		99
89) Benzo(a)pyrene	15.47	252	956843	42.074	ng		98
90) Dibenzo(a,h)anthracene	17.04	278	821698	44.515	ng		98
91) Benzo(g,h,i)perylene	17.48	276	856144	47.386	ng		98

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

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