Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103093.D
Acq On : 19 Feb 2018 20:04
Operator : SJ/JU
Sample : PB106643BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Manual Integrations APPROVED
Sohil
2/20/2018 10:20:47 AM

Quant Time: Feb 20 00:58:06 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	189200	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	779152	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	341864	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	549201	20.00	ng		0.00
75) Chrysene-d12	14.05	240	305891	20.00	ng		0.00
86) Perylene-d12	15.54	264	329636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1348460	108.24	ng		0.02
7) Phenol-d6	6.52	99	1624055	108.27	ng		0.00
23) Nitrobenzene-d5	7.45	82	1058909	94.28	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	316251	114.93	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1626814	78.96	ng		0.00
78) Terphenyl-d14	12.99	244	1214480	94.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	218051	35.436	ng		90
3) Pyridine	3.52	79	631557	37.148	ng		94
4) n-Nitrosodimethylamine	3.46	42	296903	40.817	ng		95
6) Aniline	6.55	93	493158	22.262	ng		97
8) 2-Chlorophenol	6.67	128	505958	39.448	ng		96
9) Benzaldehyde	6.43	77	93341	8.379	ng		98
10) Phenol	6.53	94	643372	40.021	ng		88
11) bis(2-Chloroethyl)ether	6.62	93	511930	38.269	ng		94
12) 1,3-Dichlorobenzene	6.82	146	538522	36.258	ng		99
13) 1,4-Dichlorobenzene	6.89	146	545612	36.877	ng		99
14) 1,2-Dichlorobenzene	7.05	146	491714	35.682	ng		99
15) Benzyl Alcohol	7.02	79	434545	37.679	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	879889	34.626	ng		99
17) 2-Methylphenol	7.13	107	450470	38.076	ng		98
18) Hexachloroethane	7.39	117	200401	39.500	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	340918	34.470	ng		97
20) 3+4-Methylphenols	7.29	107	495726	33.978	ng	#	67
22) Acetophenone	7.29	105	672271	35.259	ng	#	89
24) Nitrobenzene	7.46	77	563220	42.627	ng		98
25) Isophorone	7.70	82	1041811	40.282	ng		98
26) 2-Nitrophenol	7.78	139	293011	52.903	ng		97
27) 2,4-Dimethylphenol	7.82	122	485654	44.447	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	657227	42.898	ng		98
29) 2,4-Dichlorophenol	8.02	162	423089	42.595	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	414783	36.913	ng		98
31) Naphthalene	8.19	128	1413239	37.124	ng		100
32) Benzoic acid	7.95	122	309870	42.287	ng		99
33) 4-Chloroaniline	8.23	127	158149	9.644	ng		97
34) Hexachlorobutadiene	8.29	225	212729	36.945	ng		99
35) Caprolactam	8.61	113	153255m	44.427	ng		
36) 4-Chloro-3-methylphenol	8.72	107	468699	41.997	ng		98
37) 2-Methylnaphthalene	8.87	142	953552	38.259	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	363335	39.033	ng		99
40) Hexachlorocyclopentadiene	9.02	237	187226	42.311	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	260795	42.656	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	279832	40.608	ng		94
45) 1,1'-Biphenyl	9.34	154	1076582	37.389	ng		99
46) 2-Chloronaphthalene	9.37	162	864601	38.140	ng		97
47) 2-Nitroaniline	9.46	65	322263	46.210	ng		91
48) Acenaphthylene	9.78	152	1279255	36.334	ng		99
49) Dimethylphthalate	9.64	163	1049591	39.376	ng		100
50) 2,6-Dinitrotoluene	9.70	165	233154	45.975	ng		96
51) Acenaphthene	9.95	154	744514	35.359	ng		98
52) 3-Nitroaniline	9.87	138	165394	26.506	ng		95
53) 2,4-Dinitrophenol	9.99	184	156397	86.609	ng	#	20
54) Dibenzofuran	10.13	168	1123910	37.876	ng		99
55) 4-Nitrophenol	10.05	139	354713	69.717	ng		94
56) 2,4-Dinitrotoluene	10.11	165	300704	44.455	ng		97
57) Fluorene	10.47	166	849718	39.358	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	207019	43.345	ng		99
59) Diethylphthalate	10.33	149	988405	37.553	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	383706	40.176	ng		98
61) 4-Nitroaniline	10.49	138	251514	42.346	ng		93
62) Azobenzene	10.62	77	984620	37.447	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	112661	48.945	ng		96
65) n-Nitrosodiphenylamine	10.58	169	785486	40.548	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	235545	40.545	ng		97
67) Hexachlorobenzene	11.02	284	245670	38.332	ng		97
68) Atrazine	11.10	200	237786	41.608	ng		99
69) Pentachlorophenol	11.22	266	220973	58.735	ng		98
70) Phenanthrene	11.43	178	1143896	37.398	ng		99
71) Anthracene	11.49	178	1180941	37.960	ng		99
72) Carbazole	11.64	167	1118056	36.684	ng		99
73) Di-n-butylphthalate	11.96	149	1485133	40.114	ng		99
74) Fluoranthene	12.62	202	1022247	33.218	ng		99
76) Benzidine	12.74	184	440388	31.325	ng		97
77) Pyrene	12.85	202	1006960	41.980	ng		99
79) Butylbenzylphthalate	13.46	149	541139	47.181	ng		99
80) Benzo(a)anthracene	14.04	228	795747	41.364	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	247606	34.713	ng		99
82) Chrysene	14.08	228	750654	38.708	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	723257	49.221	ng	#	100
84) Di-n-octyl phthalate	14.63	149	1164788	52.793	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	759345	47.212	ng		99
87) Benzo(b)fluoranthene	15.10	252	794968	37.198	ng		97
88) Benzo(k)fluoranthene	15.13	252	775337	37.969	ng		99
89) Benzo(a)pyrene	15.48	252	765907	39.814	ng		97
90) Dibenzo(a,h)anthracene	17.06	278	638123	40.869	ng		98
91) Benzo(g,h,i)perylene	17.51	276	609159	39.859	ng		97

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

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