Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102372.D
Acq On : 24 Jan 2018 4:57
Operator : SJ/JU
Sample : PB105896BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105896BS

Manual Integrations APPROVED
Sohil
1/24/2018 2:47:24 PM

Quant Time: Jan 24 06:28:33 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125310	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	526375	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	226447	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	348867	20.00	ng		0.00
75) Chrysene-d12	13.87	240	223877	20.00	ng		0.00
86) Perylene-d12	15.30	264	210231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	939227	113.65	ng		0.01
7) Phenol-d6	6.37	99	1126028	113.02	ng		0.01
23) Nitrobenzene-d5	7.29	82	714279	77.98	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	213326	95.08	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1271231	82.54	ng		0.00
78) Terphenyl-d14	12.82	244	888345	89.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	128020	32.603	ng		96
3) Pyridine	3.15	79	357477	34.836	ng		93
4) n-Nitrosodimethylamine	3.11	42	169114	42.037	ng		99
6) Aniline	6.38	93	350842	26.622	ng	#	1
8) 2-Chlorophenol	6.50	128	350383	40.445	ng		98
9) Benzaldehyde	6.26	77	187728	31.684	ng		97
10) Phenol	6.38	94	409284	37.627	ng		76
11) bis(2-Chloroethyl)ether	6.46	93	321822	38.900	ng		96
12) 1,3-Dichlorobenzene	6.66	146	377754	36.664	ng		98
13) 1,4-Dichlorobenzene	6.73	146	381435	36.957	ng		99
14) 1,2-Dichlorobenzene	6.89	146	353037	37.396	ng		99
15) Benzyl Alcohol	6.86	79	270395	38.463	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	524299	37.786	ng		87
17) 2-Methylphenol	6.98	107	286120	38.028	ng		97
18) Hexachloroethane	7.22	117	116423	32.371	ng		94
19) n-Nitroso-di-n-propylamine	7.14	70	229765	37.683	ng		98
20) 3+4-Methylphenols	7.13	107	345597	39.055	ng	#	67
22) Acetophenone	7.13	105	472581	37.662	ng		95
24) Nitrobenzene	7.30	77	349598	37.296	ng		100
25) Isophorone	7.55	82	649937	39.802	ng		97
26) 2-Nitrophenol	7.62	139	182999	37.093	ng		90
27) 2,4-Dimethylphenol	7.66	122	308522	43.068	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	409665	40.612	ng		99
29) 2,4-Dichlorophenol	7.86	162	294237	40.322	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	285158	36.455	ng		99
31) Naphthalene	8.02	128	973194	37.030	ng		100
32) Benzoic acid	7.80	122	208043	34.663	ng		97
33) 4-Chloroaniline	8.07	127	214398	19.400	ng		98
34) Hexachlorobutadiene	8.13	225	152527	36.509	ng		98
35) Caprolactam	8.46	113	96347m	39.979	ng		
36) 4-Chloro-3-methylphenol	8.57	107	303017	39.395	ng		96
37) 2-Methylnaphthalene	8.71	142	672083	38.399	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	260769	38.276	ng		98
40) Hexachlorocyclopentadiene	8.86	237	91032	29.857	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	182752	40.071	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	192075	37.405	ng		96
45) 1,1'-Biphenyl	9.18	154	771838	38.119	ng		98
46) 2-Chloronaphthalene	9.20	162	586204	37.246	ng		98
47) 2-Nitroaniline	9.30	65	193017	39.337	ng		96
48) Acenaphthylene	9.62	152	899182	36.672	ng		99
49) Dimethylphthalate	9.48	163	716486	38.279	ng		99
50) 2,6-Dinitrotoluene	9.55	165	150454	37.283	ng		98
51) Acenaphthene	9.79	154	518694	36.221	ng		98
52) 3-Nitroaniline	9.72	138	118242	24.769	ng		96
53) 2,4-Dinitrophenol	9.83	184	57058	33.753	ng	#	21
54) Dibenzofuran	9.96	168	767761	39.615	ng		100
55) 4-Nitrophenol	9.89	139	214239	67.986	ng		96
56) 2,4-Dinitrotoluene	9.95	165	180826	36.438	ng	#	95
57) Fluorene	10.30	166	582932	37.958	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	141940	38.714	ng		96
59) Diethylphthalate	10.18	149	680993	37.441	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	262153	39.373	ng		96
61) 4-Nitroaniline	10.33	138	148487	31.171	ng		93
62) Azobenzene	10.45	77	611611	36.727	ng		99
64) 4,6-Dinitro-2-methylphenol	10.36	198	43996	18.903	ng		97
65) n-Nitrosodiphenylamine	10.42	169	540713	42.227	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	156803	41.752	ng		99
67) Hexachlorobenzene	10.85	284	150924	35.933	ng		98
68) Atrazine	10.95	200	162059	42.852	ng		100
69) Pentachlorophenol	11.05	266	142724	64.686	ng		99
70) Phenanthrene	11.26	178	763139	37.539	ng		98
71) Anthracene	11.32	178	784040	37.785	ng		99
72) Carbazole	11.47	167	722833	35.707	ng		99
73) Di-n-butylphthalate	11.80	149	990231	39.134	ng		100
74) Fluoranthene	12.45	202	687014	33.140	ng		97
76) Benzidine	12.58	184	552999	73.529	ng		97
77) Pyrene	12.68	202	670875	38.758	ng		99
79) Butylbenzylphthalate	13.30	149	346548	40.230	ng		95
80) Benzo(a)anthracene	13.87	228	548169	39.770	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	208750	41.286	ng		98
82) Chrysene	13.90	228	542018	38.724	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	460592	39.787	ng		98
84) Di-n-octyl phthalate	14.47	149	760995	40.422	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	470224	40.678	ng		98
87) Benzo(b)fluoranthene	14.89	252	506106	37.142	ng		99
88) Benzo(k)fluoranthene	14.92	252	519569	40.359	ng		99
89) Benzo(a)pyrene	15.24	252	493667	40.171	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	393054	39.483	ng		96
91) Benzo(g,h,i)perylene	17.11	276	387428	39.415	ng		99

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

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