Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107940.D
Acq On : 3 Aug 2018 16:23
Operator : JU/SJ
Sample : J4285-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

Manual Integrations APPROVED
Sohil
8/6/2018 5:05:25 PM

Quant Time: Aug 03 17:43:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	137205	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	598258	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	265654	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	527520	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	322625	20.00	ng		-0.01
86) Perylene-d12	15.68	264	379813	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	634721	78.62	ng		0.00
7) Phenol-d6	6.60	99	802241	75.40	ng		0.00
23) Nitrobenzene-d5	7.52	82	520379	50.11	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	265544	73.56	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1086130	56.97	ng		-0.01
78) Terphenyl-d14	13.07	244	989052	66.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	74584	23.108	ng	#	82
3) Pyridine	3.67	79	156730m	20.638	ng		
4) n-Nitrosodimethylamine	3.65	42	59863m	14.574	ng		
6) Aniline	6.65	93	193889	17.520	ng	#	66
8) 2-Chlorophenol	6.75	128	265404	26.172	ng		94
9) Benzaldehyde	6.61	77	120506m	18.772	ng		
10) Phenol	6.62	94	356857	28.125	ng		89
11) bis(2-Chloroethyl)ether	6.69	93	287591	25.490	ng		97
12) 1,3-Dichlorobenzene	6.90	146	263126	24.739	ng		98
13) 1,4-Dichlorobenzene	6.97	146	310032	26.186	ng		99
14) 1,2-Dichlorobenzene	7.12	146	304187	27.678	ng		99
15) Benzyl Alcohol	7.11	79	154676	23.389	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	428064	26.389	ng		64
17) 2-Methylphenol	7.22	107	201074	26.860	ng	#	67
18) Hexachloroethane	7.45	117	106161	24.946	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	186384	27.615	ng		96
20) 3+4-Methylphenols	7.38	107	222794	24.241	ng	#	59
22) Acetophenone	7.37	105	384543	26.717	ng		96
24) Nitrobenzene	7.54	77	238830	21.933	ng		96
25) Isophorone	7.77	82	521632	30.601	ng		99
26) 2-Nitrophenol	7.86	139	144562	26.453	ng		98
27) 2,4-Dimethylphenol	7.89	122	224760	30.720	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	310432	27.634	ng		99
29) 2,4-Dichlorophenol	8.11	162	223985	27.065	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	247365	26.201	ng		99
31) Naphthalene	8.25	128	820151	29.492	ng		100
32) Benzoic acid	7.89	122	224760	45.475	ng	#	15
33) 4-Chloroaniline	8.34	127	217362	18.299	ng		98
34) Hexachlorobutadiene	8.35	225	142815	24.478	ng		98
35) Caprolactam	8.67	113	57491	23.076	ng	#	80
36) 4-Chloro-3-methylphenol	8.80	107	236481	26.311	ng		99
37) 2-Methylnaphthalene	8.95	142	537004	30.741	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	263493	29.091	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	95231	29.576	ng		98

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42) 2,4,6-Trichlorophenol	9.24	196	136450	27.250	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	159044	26.384	ng		95
45) 1,1'-Biphenyl	9.41	154	699123	28.918	ng		99
46) 2-Chloronaphthalene	9.44	162	514191	28.204	ng		96
47) 2-Nitroaniline	9.56	65	158530	26.733	ng		89
48) Acenaphthylene	9.85	152	833430	29.488	ng		100
49) Dimethylphthalate	9.71	163	701594	35.166	ng		99
50) 2,6-Dinitrotoluene	9.78	165	119681	27.604	ng	#	88
51) Acenaphthene	10.02	154	486189	29.613	ng		100
52) 3-Nitroaniline	9.98	138	122558	22.432	ng		99
53) 2,4-Dinitrophenol	10.15	184	9068m	11.990	ng		
54) Dibenzofuran	10.20	168	704843	27.775	ng		97
55) 4-Nitrophenol	10.20	139	418171	153.010	ng	#	19
56) 2,4-Dinitrotoluene	10.20	165	152194	26.707	ng	#	75
57) Fluorene	10.54	166	578607	29.339	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.32	232	137890	24.905	ng	#	78
59) Diethylphthalate	10.40	149	691588	32.241	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	283766	26.413	ng		92
61) 4-Nitroaniline	10.61	138	122716	25.310	ng		92
62) Azobenzene	10.70	77	534132	26.736	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	22959	8.000	ng	#	68
65) n-Nitrosodiphenylamine	10.66	169	496863	28.605	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	176668	28.733	ng	#	87
67) Hexachlorobenzene	11.09	284	184363	27.040	ng	#	89
68) Atrazine	11.18	200	143598	27.933	ng		95
69) Pentachlorophenol	11.30	266	89441	26.648	ng		96
70) Phenanthrene	11.51	178	731256	29.194	ng		98
71) Anthracene	11.57	178	897828	31.076	ng		98
72) Carbazole	11.74	167	757432	26.529	ng		99
73) Di-n-butylphthalate	12.03	149	890992	28.605	ng		99
74) Fluoranthene	12.71	202	768922	26.130	ng		96
76) Benzidine	12.85	184	245566	23.541	ng		96
77) Pyrene	12.94	202	719639	30.977	ng		97
79) Butylbenzylphthalate	13.54	149	285802	28.093	ng		94
80) Benzo(a)anthracene	14.13	228	515451	28.204	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	165371	23.343	ng	#	97
82) Chrysene	14.17	228	591132	29.988	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	360686	28.202	ng		100
84) Di-n-octyl phthalate	14.71	149	590643	28.772	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	650312	43.373	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	478270	25.532	ng		98
88) Benzo(k)fluoranthene	15.25	252	663970m	28.870	ng		
89) Benzo(a)pyrene	15.61	252	568288	29.387	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	555997	32.961	ng	#	95
91) Benzo(g,h,i)perylene	17.73	276	512359	31.391	ng	#	94

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

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