Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103778.D
Acq On : 20 Mar 2018 1:25
Operator : JU/SJ
Sample : J1971-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Manual Integrations APPROVED
Sohil
3/20/2018 6:27:41 PM

Quant Time: Mar 20 02:35:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140483	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	550169	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	231487	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	367155	20.00	ng		0.01
75) Chrysene-d12	14.16	240	278981	20.00	ng		0.01
86) Perylene-d12	15.70	264	254460	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1173646	127.07	ng		0.02
7) Phenol-d6	6.60	99	1433487	126.86	ng		0.02
23) Nitrobenzene-d5	7.54	82	885635	112.26	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	296321	148.88	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1348605	92.93	ng		0.00
78) Terphenyl-d14	13.09	244	1122899	93.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	170743	37.543	ng	#	89
3) Pyridine	3.66	79	471827	37.718	ng		87
4) n-Nitrosodimethylamine	3.62	42	194192	42.103	ng	#	74
6) Aniline	6.64	93	430937	26.708	ng		97
8) 2-Chlorophenol	6.76	128	445879	46.083	ng		95
9) Benzaldehyde	6.53	77	151066	20.349	ng		93
10) Phenol	6.62	94	559651	46.609	ng		96
11) bis(2-Chloroethyl)ether	6.71	93	428895	43.269	ng		96
12) 1,3-Dichlorobenzene	6.92	146	459318	41.681	ng		99
13) 1,4-Dichlorobenzene	6.99	146	463205	41.830	ng		99
14) 1,2-Dichlorobenzene	7.15	146	430962	41.940	ng		100
15) Benzyl Alcohol	7.11	79	380868	43.502	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	572632	40.617	ng		93
17) 2-Methylphenol	7.22	107	378272	43.902	ng		98
18) Hexachloroethane	7.49	117	144675	37.142	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	291461	40.247	ng		89
20) 3+4-Methylphenols	7.37	107	450370	41.187	ng		96
22) Acetophenone	7.38	105	575683	40.714	ng	#	95
24) Nitrobenzene	7.56	77	454355	49.055	ng		98
25) Isophorone	7.79	82	838415	45.907	ng		100
26) 2-Nitrophenol	7.87	139	214846	58.416	ng		95
27) 2,4-Dimethylphenol	7.90	122	397016	50.744	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	540667	48.889	ng		99
29) 2,4-Dichlorophenol	8.11	162	357649	50.245	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	364615	44.164	ng		98
31) Naphthalene	8.28	128	1203611	43.308	ng		100
32) Benzoic acid	7.97	122	44571	16.313	ng		94
33) 4-Chloroaniline	8.32	127	190123	16.306	ng		96
34) Hexachlorobutadiene	8.39	225	190675	42.124	ng		99
35) Caprolactam	8.69	113	119350m	48.693	ng		
36) 4-Chloro-3-methylphenol	8.80	107	373661	47.617	ng		95
37) 2-Methylnaphthalene	8.97	142	774541	43.947	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	321707	48.714	ng		99
40) Hexachlorocyclopentadiene	9.12	237	111114	32.607	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	230157	54.486	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	245037	51.395	ng		97
45) 1,1'-Biphenyl	9.43	154	873008	45.227	ng		100
46) 2-Chloronaphthalene	9.46	162	703545	45.889	ng		99
47) 2-Nitroaniline	9.56	65	219795	53.837	ng		91
48) Acenaphthylene	9.88	152	1035098	43.539	ng		100
49) Dimethylphthalate	9.73	163	947875	53.670	ng		99
50) 2,6-Dinitrotoluene	9.80	165	180639	52.468	ng	#	85
51) Acenaphthene	10.05	154	621243	44.009	ng		99
52) 3-Nitroaniline	9.96	138	152487	38.096	ng		97
53) 2,4-Dinitrophenol	10.07	184	36267	49.261	ng	#	21
54) Dibenzofuran	10.22	168	903339	44.806	ng		99
55) 4-Nitrophenol	10.12	139	306866	93.977	ng		95
56) 2,4-Dinitrotoluene	10.20	165	224497	51.366	ng	#	86
57) Fluorene	10.57	166	673322	43.039	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	181772	53.806	ng		94
59) Diethylphthalate	10.43	149	780504	44.526	ng		99
60) 4-Chlorophenyl-phenylether	10.56	204	321604	44.981	ng		93
61) 4-Nitroaniline	10.58	138	175202	44.735	ng		96
62) Azobenzene	10.72	77	714634	40.099	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	35960	32.628	ng		79
65) n-Nitrosodiphenylamine	10.67	169	624715	49.988	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	188996	50.135	ng		97
67) Hexachlorobenzene	11.12	284	200691	46.645	ng		93
68) Atrazine	11.20	200	184499	47.724	ng		98
69) Pentachlorophenol	11.31	266	212620	85.956	ng		96
70) Phenanthrene	11.53	178	908602	45.240	ng		99
71) Anthracene	11.59	178	938641	46.015	ng		100
72) Carbazole	11.74	167	878105	44.289	ng		99
73) Di-n-butylphthalate	12.06	149	1117806	46.987	ng		99
74) Fluoranthene	12.73	202	881659	42.610	ng		99
76) Benzidine	12.84	184	534874	44.952	ng		98
77) Pyrene	12.96	202	876125	42.762	ng		99
79) Butylbenzylphthalate	13.56	149	435620	47.990	ng		97
80) Benzo(a)anthracene	14.15	228	783886	44.389	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	284832	48.220	ng		99
82) Chrysene	14.19	228	744131	44.204	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	617026	47.582	ng		100
84) Di-n-octyl phthalate	14.75	149	1033357	54.774	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	685256	46.613	ng		98
87) Benzo(b)fluoranthene	15.24	252	721830	44.901	ng		99
88) Benzo(k)fluoranthene	15.27	252	699562	45.269	ng		99
89) Benzo(a)pyrene	15.63	252	666830	45.732	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	588895	46.642	ng		99
91) Benzo(g,h,i)perylene	17.76	276	550946	44.854	ng		96

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

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