Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104785.D
Acq On : 25 Apr 2018 13:38
Operator : JU/SJ
Sample : J2511-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Manual Integrations APPROVED

Sohil

4/26/2018 6:09:12 PM

Quant Time: Apr 26 10:43:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140197	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	620227	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	299747	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	533441	20.00	ng		0.00
75) Chrysene-d12	13.99	240	313864	20.00	ng		0.00
86) Perylene-d12	15.45	264	319501	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	899331	98.09	ng		0.01
7) Phenol-d6	6.45	99	1126021	99.95	ng		0.00
23) Nitrobenzene-d5	7.37	82	705862	74.31	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	300868	96.76	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1181272	62.26	ng		0.00
78) Terphenyl-d14	12.92	244	1067204	77.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	97177	22.746	ng		88
3) Pyridine	3.30	79	278650	23.198	ng		85
4) n-Nitrosodimethylamine	3.26	42	118323	28.180	ng	#	83
6) Aniline	6.47	93	258360	16.507	ng	#	46
8) 2-Chlorophenol	6.59	128	308941	31.924	ng		93
9) Benzaldehyde	6.35	77	128221	18.694	ng		94
10) Phenol	6.46	94	376484	31.497	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	276507	28.988	ng		93
12) 1,3-Dichlorobenzene	6.74	146	316664	28.884	ng		98
13) 1,4-Dichlorobenzene	6.82	146	319679	29.251	ng		99
14) 1,2-Dichlorobenzene	6.97	146	300053	29.627	ng		98
15) Benzyl Alcohol	6.95	79	256607	29.990	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	321184	25.073	ng		66
17) 2-Methylphenol	7.06	107	256680	30.513	ng		93
18) Hexachloroethane	7.31	117	116371	29.865	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	196499	26.693	ng		90
20) 3+4-Methylphenols	7.22	107	308127	29.534	ng	#	64
22) Acetophenone	7.22	105	414831	27.167	ng	#	97
24) Nitrobenzene	7.39	77	314975	30.035	ng		94
25) Isophorone	7.63	82	568020	28.280	ng		98
26) 2-Nitrophenol	7.70	139	169043	39.596	ng		95
27) 2,4-Dimethylphenol	7.75	122	267433	30.169	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	358275	29.174	ng		99
29) 2,4-Dichlorophenol	7.95	162	258992	30.621	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	262980	28.331	ng		96
31) Naphthalene	8.11	128	871804	28.228	ng		99
33) 4-Chloroaniline	8.16	127	147635	11.158	ng		98
34) Hexachlorobutadiene	8.22	225	138990	27.337	ng		99
35) Caprolactam	8.53	113	83577m	28.326	ng		
36) 4-Chloro-3-methylphenol	8.66	107	279253	30.791	ng		98
37) 2-Methylnaphthalene	8.80	142	584674	29.267	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	253531	29.547	ng		99
40) Hexachlorocyclopentadiene	8.95	237	154546	32.173	ng		98
42) 2,4,6-Trichlorophenol	9.09	196	177538	29.806	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	192008	28.806	ng		98
45) 1,1'-Biphenyl	9.26	154	681531	27.065	ng		99
46) 2-Chloronaphthalene	9.29	162	541868	27.244	ng		100
47) 2-Nitroaniline	9.39	65	169464	34.453	ng		99
48) Acenaphthylene	9.71	152	814417	26.098	ng		99
49) Dimethylphthalate	9.57	163	767754	32.480	ng		99
50) 2,6-Dinitrotoluene	9.63	165	148332	33.914	ng		99
51) Acenaphthene	9.88	154	474559	24.924	ng		100
52) 3-Nitroaniline	9.80	138	121200	23.670	ng		100
53) 2,4-Dinitrophenol	9.92	184	45934	35.914	ng	#	24
54) Dibenzofuran	10.05	168	717697	27.048	ng		97
55) 4-Nitrophenol	9.99	139	206961	51.454	ng		96
56) 2,4-Dinitrotoluene	10.05	165	187756	32.726	ng	#	97
57) Fluorene	10.40	166	577641	29.909	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	140178	28.189	ng		95
59) Diethylphthalate	10.27	149	664681	28.235	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	267739	31.128	ng		95
61) 4-Nitroaniline	10.43	138	157919	31.542	ng		97
62) Azobenzene	10.55	77	571255	25.399	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	60081	26.933	ng	#	74
65) n-Nitrosodiphenylamine	10.51	169	521661	28.204	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	163640	28.840	ng		94
67) Hexachlorobenzene	10.95	284	180851	28.326	ng	#	88
68) Atrazine	11.04	200	171124	30.652	ng		99
69) Pentachlorophenol	11.15	266	124503	31.521	ng		98
70) Phenanthrene	11.36	178	822169	27.676	ng		99
71) Anthracene	11.42	178	836442	27.699	ng		99
72) Carbazole	11.57	167	761453	25.805	ng		99
73) Di-n-butylphthalate	11.89	149	970370	26.920	ng		99
74) Fluoranthene	12.55	202	776535	25.019	ng		98
76) Benzidine	12.67	184	285970	23.453	ng		98
77) Pyrene	12.78	202	760256	32.679	ng		99
79) Butylbenzylphthalate	13.39	149	345774	31.548	ng		99
80) Benzo(a)anthracene	13.97	228	563164	30.034	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	122357	17.502	ng		99
82) Chrysene	14.01	228	523798	27.197	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	459323	32.581	ng		100
84) Di-n-octyl phthalate	14.57	149	689437	29.268	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	551207	33.691	ng		94
87) Benzo(b)fluoranthene	15.03	252	538259	26.674	ng		99
88) Benzo(k)fluoranthene	15.06	252	486131	25.517	ng		98
89) Benzo(a)pyrene	15.39	252	506759	28.067	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	455286	30.703	ng		95
91) Benzo(g,h,i)perylene	17.37	276	446294	31.065	ng	#	94

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

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