Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103313.D
Acq On : 1 Mar 2018 00:18
Operator : SJ/JU
Sample : J1721-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Manual Integrations APPROVED
Sohil
3/1/2018 11:43:36 AM

Quant Time: Mar 01 01:32:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	148866	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	610533	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	242565	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	348733	20.00	ng		0.00
75) Chrysene-d12	14.06	240	233334	20.00	ng		0.00
86) Perylene-d12	15.56	264	201508	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1109577	112.73	ng		0.01
7) Phenol-d6	6.52	99	1288163	106.95	ng		0.00
23) Nitrobenzene-d5	7.45	82	798137	74.66	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	176887	86.15	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1038410	70.85	ng		0.00
78) Terphenyl-d14	12.99	244	672594	69.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	195670	37.639	ng		91
3) Pyridine	3.48	79	540269	38.928	ng		96
4) n-Nitrosodimethylamine	3.43	42	292734	52.299	ng	#	88
6) Aniline	6.54	93	213661	12.292	ng	#	72
8) 2-Chlorophenol	6.66	128	412017	40.295	ng		91
9) Benzaldehyde	6.43	77	196093	23.848	ng		97
10) Phenol	6.53	94	544906	38.972	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	422632	39.826	ng		91
12) 1,3-Dichlorobenzene	6.82	146	426840	36.529	ng		97
13) 1,4-Dichlorobenzene	6.89	146	433121	36.971	ng		99
14) 1,2-Dichlorobenzene	7.05	146	393388	36.417	ng		99
15) Benzyl Alcohol	7.02	79	356569	39.287	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	658033	36.110	ng		87
17) 2-Methylphenol	7.13	107	337164	36.285	ng		94
18) Hexachloroethane	7.38	117	137151	32.159	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	271518	36.222	ng		97
20) 3+4-Methylphenols	7.29	107	411713	36.348	ng	#	49
22) Acetophenone	7.29	105	532229	37.347	ng	#	92
24) Nitrobenzene	7.46	77	444150	37.734	ng		99
25) Isophorone	7.70	82	805771	38.269	ng		98
26) 2-Nitrophenol	7.77	139	201710	36.402	ng		93
27) 2,4-Dimethylphenol	7.81	122	355660	41.991	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	510239	41.217	ng		99
29) 2,4-Dichlorophenol	8.02	162	318712	39.303	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	308097	35.679	ng		100
31) Naphthalene	8.18	128	1105775	36.994	ng		99
32) Benzoic acid	7.90	122	15253m	8.992	ng		
33) 4-Chloroaniline	8.23	127	110140	8.539	ng		98
34) Hexachlorobutadiene	8.29	225	152017	33.806	ng		99
35) Caprolactam	8.60	113	107934	37.872	ng		90
36) 4-Chloro-3-methylphenol	8.72	107	342356	37.431	ng		99
37) 2-Methylnaphthalene	8.87	142	693285	35.889	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	257547	38.838	ng		99
40) Hexachlorocyclopentadiene	9.02	237	9503	12.496	ng		95

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42) 2,4,6-Trichlorophenol	9.16	196	180951	40.554	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	186557	36.352	ng		97
45) 1,1'-Biphenyl	9.33	154	770991	37.932	ng		99
46) 2-Chloronaphthalene	9.36	162	597686	37.169	ng		99
47) 2-Nitroaniline	9.46	65	240592	40.392	ng		88
48) Acenaphthylene	9.78	152	890720	36.001	ng		99
49) Dimethylphthalate	9.63	163	856050	43.993	ng		100
50) 2,6-Dinitrotoluene	9.70	165	151202	37.027	ng		95
51) Acenaphthene	9.95	154	521189	36.126	ng		99
52) 3-Nitroaniline	9.87	138	141267	27.267	ng		99
53) 2,4-Dinitrophenol	10.00	184	1474	10.500	ng	#	16
54) Dibenzofuran	10.12	168	752838	38.013	ng		97
55) 4-Nitrophenol	10.05	139	187778	58.480	ng		92
56) 2,4-Dinitrotoluene	10.11	165	177213	34.313	ng	#	88
57) Fluorene	10.47	166	576503	34.172	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	118958	34.506	ng		96
59) Diethylphthalate	10.33	149	681196	36.602	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	257389	35.977	ng		95
61) 4-Nitroaniline	10.49	138	148451	28.688	ng		95
62) Azobenzene	10.62	77	670730	35.406	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	5480	7.262	ng		91
65) n-Nitrosodiphenylamine	10.57	169	504768	41.571	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	141493	38.949	ng		96
67) Hexachlorobenzene	11.02	284	136722	34.675	ng		99
68) Atrazine	11.10	200	147161	40.322	ng		97
69) Pentachlorophenol	11.22	266	106194	55.701	ng		98
70) Phenanthrene	11.43	178	882086	45.961	ng		98
71) Anthracene	11.49	178	752553	38.239	ng		100
72) Carbazole	11.64	167	710476	36.252	ng		99
73) Di-n-butylphthalate	11.96	149	957176	39.032	ng		98
74) Fluoranthene	12.63	202	868157	45.016	ng		99
76) Benzidine	12.74	184	296614	34.003	ng		98
77) Pyrene	12.86	202	868435	47.737	ng		100
79) Butylbenzylphthalate	13.46	149	354304	36.862	ng		91
80) Benzo(a)anthracene	14.05	228	711302	46.983	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	161762	29.939	ng		99
82) Chrysene	14.09	228	640000	43.537	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1769331	136.411	ng		100
84) Di-n-octyl phthalate	14.63	149	832994	39.749	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	431716	37.096	ng		97
87) Benzo(b)fluoranthene	15.12	252	639635	48.278	ng		97
88) Benzo(k)fluoranthene	15.15	252	519134	41.611	ng		99
89) Benzo(a)pyrene	15.50	252	536396	45.337	ng	#	96
90) Dibenzo(a,h)anthracene	17.10	278	330816	36.185	ng		97
91) Benzo(g,h,i)perylene	17.55	276	359206	40.202	ng		96

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

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