Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103370.D
Acq On : 2 Mar 2018 17:32
Operator : SJ/JU
Sample : J1719-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Manual Integrations APPROVED
Sohil
3/5/2018 3:13:17 PM

Quant Time: Mar 02 22:39:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157470	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	666086	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	297375	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	516189	20.00	ng		0.00
75) Chrysene-d12	14.07	240	292296	20.00	ng		0.00
86) Perylene-d12	15.57	264	251399	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1297255	124.60	ng		0.01
7) Phenol-d6	6.52	99	1597931	125.42	ng		0.00
23) Nitrobenzene-d5	7.45	82	1066122	91.41	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	283075	112.46	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1402641	80.14	ng		0.00
78) Terphenyl-d14	13.00	244	1193232	98.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	227151	41.307	ng		92
3) Pyridine	3.50	79	627584	42.748	ng		99
4) n-Nitrosodimethylamine	3.45	42	356753	60.254	ng	#	96
6) Aniline	6.55	93	516768	28.105	ng	#	88
8) 2-Chlorophenol	6.67	128	486597	44.988	ng		95
9) Benzaldehyde	6.43	77	240675	28.635	ng		99
10) Phenol	6.53	94	672132	45.445	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	519242	46.256	ng		93
12) 1,3-Dichlorobenzene	6.82	146	499937	40.447	ng		95
13) 1,4-Dichlorobenzene	6.89	146	511629	41.286	ng		99
14) 1,2-Dichlorobenzene	7.05	146	458286	40.107	ng		99
15) Benzyl Alcohol	7.02	79	414333	43.158	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	802605	41.637	ng		91
17) 2-Methylphenol	7.13	107	426132	43.353	ng	#	94
18) Hexachloroethane	7.38	117	189850	42.083	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	340774	42.978	ng		97
20) 3+4-Methylphenols	7.29	107	493116	41.155	ng	#	65
22) Acetophenone	7.29	105	655834	42.182	ng	#	87
24) Nitrobenzene	7.47	77	585090	45.562	ng		98
25) Isophorone	7.70	82	1076625	46.868	ng		98
26) 2-Nitrophenol	7.78	139	285640	47.250	ng		95
27) 2,4-Dimethylphenol	7.82	122	475364	51.444	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	648208	47.995	ng		99
29) 2,4-Dichlorophenol	8.02	162	415066	46.916	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	383453	40.702	ng		99
31) Naphthalene	8.19	128	1425477	43.713	ng		99
32) Benzoic acid	7.93	122	71432	15.833	ng		98
33) 4-Chloroaniline	8.23	127	167812	11.925	ng		97
34) Hexachlorobutadiene	8.29	225	188371	38.397	ng		99
35) Caprolactam	8.62	113	155224m	49.923	ng		
36) 4-Chloro-3-methylphenol	8.73	107	478616	47.964	ng		99
37) 2-Methylnaphthalene	8.87	142	915658	43.447	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	333255	40.993	ng		98
40) Hexachlorocyclopentadiene	9.02	237	155135	57.009	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	246278	45.021	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	266056	42.288	ng		96
45) 1,1'-Biphenyl	9.34	154	1007723	40.441	ng		99
46) 2-Chloronaphthalene	9.37	162	806450	40.908	ng		99
47) 2-Nitroaniline	9.47	65	348752	47.758	ng		85
48) Acenaphthylene	9.79	152	1226533	40.437	ng		98
49) Dimethylphthalate	9.64	163	1095796	45.934	ng		100
50) 2,6-Dinitrotoluene	9.71	165	215486	43.043	ng	#	87
51) Acenaphthene	9.96	154	720322	40.726	ng		99
52) 3-Nitroaniline	9.88	138	167332	26.345	ng		95
53) 2,4-Dinitrophenol	10.00	184	150851	83.009	ng	#	17
54) Dibenzofuran	10.13	168	1002013	41.270	ng		96
55) 4-Nitrophenol	10.06	139	290885	73.894	ng		88
56) 2,4-Dinitrotoluene	10.12	165	264574	41.787	ng	#	83
57) Fluorene	10.47	166	831337	40.194	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	188761	44.662	ng		94
59) Diethylphthalate	10.34	149	932112	40.853	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	364425	41.549	ng		99
61) 4-Nitroaniline	10.50	138	264779	41.737	ng		100
62) Azobenzene	10.62	77	1006406	43.334	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	125273	40.722	ng		93
65) n-Nitrosodiphenylamine	10.58	169	744578	41.428	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	217681	40.483	ng		91
67) Hexachlorobenzene	11.02	284	226072	38.735	ng		100
68) Atrazine	11.11	200	231325	42.821	ng		99
69) Pentachlorophenol	11.22	266	207980	73.700	ng		98
70) Phenanthrene	11.44	178	1144839	40.301	ng		99
71) Anthracene	11.49	178	1199659	41.183	ng		100
72) Carbazole	11.65	167	1152143	39.717	ng		98
73) Di-n-butylphthalate	11.96	149	1378099	37.966	ng		99
74) Fluoranthene	12.63	202	1115126	39.064	ng		99
76) Benzidine	12.75	184	379445	34.724	ng		97
77) Pyrene	12.86	202	1126792	49.444	ng		100
79) Butylbenzylphthalate	13.46	149	567748	47.153	ng		97
80) Benzo(a)anthracene	14.06	228	862005	45.452	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	185825	27.455	ng		99
82) Chrysene	14.09	228	800213	43.455	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	739542	45.515	ng	#	98
84) Di-n-octyl phthalate	14.64	149	1155397	44.012	ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	808691	55.471	ng		99
87) Benzo(b)fluoranthene	15.13	252	730626	44.202	ng		97
88) Benzo(k)fluoranthene	15.16	252	674787	43.353	ng		99
89) Benzo(a)pyrene	15.52	252	670096	45.397	ng		98
90) Dibenzo(a,h)anthracene	17.13	278	627236	54.993	ng		99
91) Benzo(g,h,i)perylene	17.59	276	726377	65.162	ng		97

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

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