Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104371.D
Acq On : 9 Apr 2018 14:51
Operator : JU/SJ
Sample : J2256-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMS

Manual Integrations APPROVED
Sohil
4/10/2018 12:00:16 PM

Quant Time: Apr 10 01:56:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143322	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	597005	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	277093	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	486690	20.00	ng		0.00
75) Chrysene-d12	13.97	240	271643	20.00	ng		0.00
86) Perylene-d12	15.44	264	291325	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1191136	127.08	ng		0.02
7) Phenol-d6	6.44	99	1480107	128.52	ng		0.01
23) Nitrobenzene-d5	7.37	82	908675	99.39	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	365066	127.01	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1436027	81.87	ng		0.00
78) Terphenyl-d14	12.92	244	1271628	106.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	166940	38.223	ng		91
3) Pyridine	3.32	79	423036	34.450	ng		88
4) n-Nitrosodimethylamine	3.28	42	198283	46.193	ng		80
6) Aniline	6.47	93	404464	25.278	ng		97
8) 2-Chlorophenol	6.59	128	451806	45.669	ng		96
9) Benzaldehyde	6.35	77	143777	20.971	ng		98
10) Phenol	6.46	94	601418	49.218	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	442367	45.365	ng		97
12) 1,3-Dichlorobenzene	6.75	146	466282	41.603	ng		99
13) 1,4-Dichlorobenzene	6.82	146	474394	42.462	ng		99
14) 1,2-Dichlorobenzene	6.97	146	435019	42.017	ng		98
15) Benzyl Alcohol	6.95	79	387000	44.243	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	565653	43.194	ng		93
17) 2-Methylphenol	7.06	107	390641	45.425	ng		98
18) Hexachloroethane	7.32	117	171782	43.124	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	305929	40.651	ng		93
20) 3+4-Methylphenols	7.22	107	447457	41.953	ng	#	75
22) Acetophenone	7.22	105	600778	40.875	ng	#	97
24) Nitrobenzene	7.39	77	476876	47.243	ng		99
25) Isophorone	7.63	82	892184	46.147	ng		100
26) 2-Nitrophenol	7.70	139	246778	60.052	ng		98
27) 2,4-Dimethylphenol	7.75	122	416560	48.820	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	559841	47.361	ng		99
29) 2,4-Dichlorophenol	7.95	162	384803	47.265	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	381037	42.647	ng		97
31) Naphthalene	8.12	128	1279025	43.025	ng		100
32) Benzoic acid	7.87	122	263267	38.670	ng		95
33) 4-Chloroaniline	8.16	127	165220	12.973	ng		98
34) Hexachlorobutadiene	8.23	225	201314	41.135	ng		98
35) Caprolactam	8.54	113	124483m	43.830	ng		
36) 4-Chloro-3-methylphenol	8.65	107	415249	47.568	ng		98
37) 2-Methylnaphthalene	8.80	142	845001	43.943	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	348338	43.916	ng		99
40) Hexachlorocyclopentadiene	8.96	237	299511	67.448	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	264793	48.089	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	275280	44.676	ng		97
45) 1,1'-Biphenyl	9.27	154	984648	42.300	ng		100
46) 2-Chloronaphthalene	9.29	162	782474	42.557	ng		100
47) 2-Nitroaniline	9.39	65	247176	54.361	ng		96
48) Acenaphthylene	9.71	152	1207136	41.845	ng		100
49) Dimethylphthalate	9.57	163	1023290	46.830	ng		99
50) 2,6-Dinitrotoluene	9.63	165	217386	53.765	ng		98
51) Acenaphthene	9.88	154	718987	40.849	ng		100
52) 3-Nitroaniline	9.80	138	135491	28.624	ng		98
53) 2,4-Dinitrophenol	9.91	184	174449	95.477	ng	#	20
54) Dibenzofuran	10.06	168	1060831	43.248	ng		99
55) 4-Nitrophenol	9.97	139	391433	105.272	ng		90
56) 2,4-Dinitrotoluene	10.04	165	283199	53.397	ng		98
57) Fluorene	10.40	166	780708	43.728	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	219184	47.681	ng		96
59) Diethylphthalate	10.27	149	908568	41.750	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	354987	44.646	ng		99
61) 4-Nitroaniline	10.42	138	214385	46.321	ng		96
62) Azobenzene	10.55	77	873866	42.031	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	116179	48.860	ng		81
65) n-Nitrosodiphenylamine	10.51	169	750484	44.474	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	231406	44.700	ng		93
67) Hexachlorobenzene	10.94	284	251695	43.209	ng		96
68) Atrazine	11.04	200	239910	47.100	ng		100
69) Pentachlorophenol	11.14	266	277611	77.036	ng		97
70) Phenanthrene	11.36	178	1140132	42.066	ng		99
71) Anthracene	11.41	178	1176583	42.706	ng		100
72) Carbazole	11.57	167	1094204	40.643	ng		99
73) Di-n-butylphthalate	11.90	149	1385559	42.131	ng		99
74) Fluoranthene	12.55	202	1085238	38.323	ng		100
76) Benzidine	12.67	184	260624	25.108	ng		98
77) Pyrene	12.77	202	1053770	52.335	ng		100
79) Butylbenzylphthalate	13.40	149	523985	55.238	ng		98
80) Benzo(a)anthracene	13.97	228	721618	44.467	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	205549	33.971	ng		99
82) Chrysene	14.00	228	714546	42.867	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	639607	52.421	ng		99
84) Di-n-octyl phthalate	14.58	149	1000587	49.079	ng		96
85) Indeno(1,2,3-cd)pyrene	16.89	276	898574	63.459	ng		98
87) Benzo(b)fluoranthene	15.02	252	722604	39.273	ng		98
88) Benzo(k)fluoranthene	15.04	252	728684	41.949	ng		100
89) Benzo(a)pyrene	15.38	252	739907	44.944	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	739900	54.722	ng		98
91) Benzo(g,h,i)perylene	17.33	276	732615	55.926	ng		96

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

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