Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105029.D
Acq On : 2 May 2018 14:29
Operator : JU/SJ
Sample : J2652-12MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMENDED-COMPOSITE-P5-WC

Quant Time: May 03 07:52:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88171	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	357448	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	154882	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	254484	20.00	ng		0.00
75) Chrysene-d12	14.03	240	186085	20.00	ng		0.00
86) Perylene-d12	15.59	264	183271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	55193	9.57	ng		0.01
7) Phenol-d6	6.43	99	322517	45.52	ng		0.00
23) Nitrobenzene-d5	7.36	82	352429	64.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	13856	8.62	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	578558	59.01	ng		0.00
78) Terphenyl-d14	12.91	244	463787	56.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	59985	22.325	ng		87
3) Pyridine	3.25	79	167732	22.203	ng		88
4) n-Nitrosodimethylamine	3.22	42	66586	25.215	ng	#	75
6) Aniline	6.45	93	137624	13.981	ng	#	71
8) 2-Chlorophenol	6.57	128	83818	13.772	ng		93
9) Benzaldehyde	6.34	77	87326	20.639	ng		95
10) Phenol	6.45	94	182410	24.265	ng		86
11) bis(2-Chloroethyl)ether	6.52	93	166856	27.814	ng		93
12) 1,3-Dichlorobenzene	6.73	146	192271	27.886	ng		99
13) 1,4-Dichlorobenzene	6.80	146	196568	28.599	ng		99
14) 1,2-Dichlorobenzene	6.96	146	184095	28.903	ng		99
15) Benzyl Alcohol	6.94	79	144848	26.917	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	188258	23.368	ng	#	37
17) 2-Methylphenol	7.06	107	143625	27.148	ng	#	90
18) Hexachloroethane	7.30	117	60337	24.622	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	116594	25.184	ng		91
20) 3+4-Methylphenols	7.22	107	191291	29.154	ng		95
22) Acetophenone	7.20	105	251162	28.541	ng	#	94
24) Nitrobenzene	7.37	77	179895	29.765	ng		99
25) Isophorone	7.62	82	323134	27.915	ng		97
26) 2-Nitrophenol	7.69	139	22662	9.211	ng		95
27) 2,4-Dimethylphenol	7.73	122	161519	31.616	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	210063	29.680	ng		98
29) 2,4-Dichlorophenol	7.95	162	59228	12.151	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	154001	28.788	ng		99
31) Naphthalene	8.10	128	555473	31.208	ng		100
33) 4-Chloroaniline	8.15	127	121373	15.917	ng		97
34) Hexachlorobutadiene	8.20	225	83925	28.642	ng		99
35) Caprolactam	8.50	113	45631	26.834	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	147790	28.276	ng		98
37) 2-Methylnaphthalene	8.79	142	353313	30.688	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	145430	32.802	ng		98
40) Hexachlorocyclopentadiene	8.93	237	5059	2.038	ng		91
42) 2,4,6-Trichlorophenol	9.07	196	12223	3.971	ng		99

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Quant Time: May 03 07:52:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	23631	6.861	ng		95
45) 1,1'-Biphenyl	9.25	154	405534	31.168	ng		98
46) 2-Chloronaphthalene	9.28	162	309197	30.086	ng		98
47) 2-Nitroaniline	9.38	65	87268	34.337	ng		98
48) Acenaphthylene	9.69	152	482378	29.916	ng		100
49) Dimethylphthalate	9.55	163	426496	34.920	ng		100
50) 2,6-Dinitrotoluene	9.62	165	78185	34.595	ng		98
51) Acenaphthene	9.86	154	291645	29.644	ng		100
52) 3-Nitroaniline	9.80	138	77041	29.118	ng		90
54) Dibenzofuran	10.04	168	416263	30.361	ng		99
55) 4-Nitrophenol	10.04	139	162601	78.236	ng	#	10
56) 2,4-Dinitrotoluene	10.03	165	94909	32.016	ng		95
57) Fluorene	10.38	166	348347	34.906	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	8822	3.433	ng	#	72
59) Diethylphthalate	10.24	149	349513	28.733	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	149335	33.601	ng		100
61) 4-Nitroaniline	10.41	138	84021	32.478	ng		94
62) Azobenzene	10.53	77	295868	25.459	ng		90
64) 4,6-Dinitro-2-methylphenol	10.45	198	122	7.430	ng	#	47
65) n-Nitrosodiphenylamine	10.49	169	285094	32.310	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	86294	31.879	ng		90
67) Hexachlorobenzene	10.93	284	91586	30.069	ng	#	87
68) Atrazine	11.02	200	88316	33.159	ng		97
69) Pentachlorophenol	11.14	266	8738	4.637	ng		93
70) Phenanthrene	11.35	178	643830	45.430	ng		98
71) Anthracene	11.40	178	494350	34.315	ng		98
72) Carbazole	11.56	167	397250	28.219	ng		99
73) Di-n-butylphthalate	11.88	149	505855	29.417	ng		99
74) Fluoranthene	12.54	202	623200	42.088	ng		97
76) Benzidine	12.67	184	183952	26.120	ng		97
77) Pyrene	12.77	202	612551	44.409	ng		99
79) Butylbenzylphthalate	13.40	149	182484	28.082	ng		100
80) Benzo(a)anthracene	14.02	228	465169	41.843	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	103762	25.033	ng		97
82) Chrysene	14.06	228	431885	37.822	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	271388	32.469	ng		100
84) Di-n-octyl phthalate	14.68	149	446544	31.974	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.08	276	323483	33.348	ng		96
87) Benzo(b)fluoranthene	15.16	252	441511	38.143	ng		98
88) Benzo(k)fluoranthene	15.19	252	381512	34.912	ng		97
89) Benzo(a)pyrene	15.53	252	396244	38.259	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	247174	29.059	ng		97
91) Benzo(g,h,i)perylene	17.53	276	263839	32.016	ng		94

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

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