Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
Data File : BM017548.D
Acq On : 07 Nov 2018 03:52
Operator : MJ/SJ
Sample : J5765-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MS

Manual Integrations APPROVED
Sohil
11/7/2018 4:09:06 PM

Quant Time: Nov 07 11:57:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	224909	20.00	ng		-0.02
21) Naphthalene-d8	10.40	136	961816	20.00	ng		-0.02
39) Acenaphthene-d10	14.27	164	638972	20.00	ng		-0.02
64) Phenanthrene-d10	17.02	188	1625578	20.00	ng		-0.02
76) Chrysene-d12	21.23	240	1995737	20.00	ng		-0.02
87) Perylene-d12	23.42	264	2061069	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1551855	116.70	ng		-0.01
7) Phenol-d6	6.82	99	1972847	108.93	ng		-0.02
23) Nitrobenzene-d5	8.78	82	1499726	91.19	ng		-0.02
42) 2,4,6-Tribromophenol	15.77	330	1314327	152.10	ng		-0.02
45) 2-Fluorobiphenyl	12.89	172	3868890	80.56	ng		-0.02
79) Terphenyl-d14	19.67	244	7629632	86.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	198152	29.181	ng	#	70
3) Pyridine	3.63	79	444864	28.473	ng	#	79
4) n-Nitrosodimethylamine	3.55	42	323033	51.503	ng	#	64
6) Aniline	6.97	93	318984	14.081	ng		96
8) 2-Chlorophenol	7.20	128	734457	47.742	ng		96
9) Benzaldehyde	6.79	77	463045	40.099	ng		93
10) Phenol	6.84	94	793351	40.702	ng		96
11) bis(2-Chloroethyl)ether	7.07	93	664053	42.737	ng		94
12) 1,3-Dichlorobenzene	7.52	146	729052	40.653	ng		97
13) 1,4-Dichlorobenzene	7.66	146	751827	41.034	ng		98
14) 1,2-Dichlorobenzene	7.97	146	730387	41.375	ng		99
15) Benzyl Alcohol	7.87	79	700853	52.943	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	994240	45.801	ng		98
17) 2-Methylphenol	8.07	107	621827	49.703	ng		96
18) Hexachloroethane	8.69	117	275072	43.869	ng		96
19) n-Nitroso-di-n-propylamine	8.43	70	605231	50.752	ng		95
20) 3+4-Methylphenols	8.40	107	847827	49.547	ng		97
22) Acetophenone	8.45	105	1138597	46.700	ng		95
24) Nitrobenzene	8.82	77	858169	49.333	ng		92
25) Isophorone	9.35	82	1659233	61.100	ng		97
26) 2-Nitrophenol	9.53	139	408968	49.968	ng		96
27) 2,4-Dimethylphenol	9.59	122	742809	61.860	ng		99
28) bis(2-Chloroethoxy)methane	9.83	93	1007118	52.691	ng		100
29) 2,4-Dichlorophenol	10.06	162	770566	55.270	ng		97
30) 1,2,4-Trichlorobenzene	10.26	180	757756	45.307	ng		99
31) Naphthalene	10.45	128	2410997	51.151	ng		99
32) Benzoic acid	9.76	122	453519	50.619	ng	#	86
33) 4-Chloroaniline	10.58	127	76094	3.738	ng	#	95
34) Hexachlorobutadiene	10.72	225	459397	43.351	ng		98
35) Caprolactam	11.38	113	211114m	41.550	ng		
36) 4-Chloro-3-methylphenol	11.70	107	929461	59.143	ng		96
37) 2-Methylnaphthalene	12.07	142	1881159	58.323	ng		97
38) 1-Methylnaphthalene	12.29	142	1798453	57.289	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	978546	43.486	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	1235820	113.603	ng	99
43) 2,4,6-Trichlorophenol	12.69	196	700942	53.660	ng	99
44) 2,4,5-Trichlorophenol	12.76	196	763234	54.487	ng	97
46) 1,1'-Biphenyl	13.10	154	2536378	44.110	ng	99
47) 2-Chloronaphthalene	13.14	162	1926822	45.550	ng	100
48) 2-Nitroaniline	13.36	65	662620	54.563	ng	100
49) Acenaphthylene	13.99	152	3311430	54.006	ng	100
50) Dimethylphthalate	13.75	163	2748750	55.759	ng	99
51) 2,6-Dinitrotoluene	13.86	165	610386	56.256	ng	98
52) Acenaphthene	14.33	154	1948571	50.614	ng	98
53) 3-Nitroaniline	14.19	138	188203	16.016	ng	84
54) 2,4-Dinitrophenol	14.41	184	780349	118.216	ng	98
55) Dibenzofuran	14.67	168	3207724	50.103	ng	99
56) 4-Nitrophenol	14.52	139	1376220	125.641	ng	93
57) 2,4-Dinitrotoluene	14.66	165	901800	61.839	ng	92
58) Fluorene	15.33	166	2720820	57.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	771939	60.457	ng	98
60) Diethylphthalate	15.12	149	2946813	60.276	ng	100
61) 4-Chlorophenyl-phenylether	15.33	204	1387799	51.370	ng	100
62) 4-Nitroaniline	15.37	138	609247	46.610	ng	94
63) Azobenzene	15.62	77	2803194	58.991	ng	96
65) 4,6-Dinitro-2-methylphenol	15.42	198	552411	52.202	ng	94
66) n-Nitrosodiphenylamine	15.54	169	2467890	50.179	ng	99
67) 4-Bromophenyl-phenylether	16.22	248	925396	51.846	ng	98
68) Hexachlorobenzene	16.33	284	1011102	48.767	ng	99
69) Atrazine	16.51	200	990083	56.247	ng	97
70) Pentachlorophenol	16.67	266	1301593	91.642	ng	100
71) Phenanthrene	17.07	178	4588549	52.318	ng	100
72) Anthracene	17.16	178	4680417	56.163	ng	99
73) Carbazole	17.43	167	4370663	51.343	ng	99
74) Di-n-butylphthalate	18.00	149	5579900	62.147	ng	99
75) Fluoranthene	19.09	202	5674179	57.494	ng	99
77) Benzidine	19.29	184	491607	9.715	ng	99
78) Pyrene	19.46	202	5775249	51.776	ng	100
80) Butylbenzylphthalate	20.37	149	2723748	61.753	ng	94
81) Benzo(a)anthracene	21.21	228	6072680	54.071	ng	99
82) 3,3'-Dichlorobenzidine	21.15	252	800739	19.130	ng	99
83) Chrysene	21.26	228	5699645	51.273	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	4093672	61.373	ng	100
85) Di-n-octyl phthalate	22.02	149	7084841	62.493	ng	98
86) Indeno(1,2,3-cd)pyrene	25.62	276	6608272	53.149	ng	100
88) Benzo(b)fluoranthene	22.77	252	6190171	54.933	ng	99
89) Benzo(k)fluoranthene	22.82	252	6098783	53.937	ng	99
90) Benzo(a)pyrene	23.33	252	5935137	55.473	ng	99
91) Dibenzo(a,h)anthracene	25.63	278	5656567	53.244	ng	99
92) Benzo(g,h,i)perylene	26.29	276	5454222	51.799	ng	99

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

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