Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104143.D
Acq On : 2 Apr 2018 18:45
Operator : JU/SJ
Sample : J2099-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-102(11-12)MS

Quant Time: Apr 03 01:06:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	121959	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	501837	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	233349	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	375086	20.00	ng		0.00
75) Chrysene-d12	14.15	240	237560	20.00	ng		0.00
86) Perylene-d12	15.69	264	264042	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	940190	122.94	ng		0.01
7) Phenol-d6	6.61	99	1128944	119.99	ng		0.01
23) Nitrobenzene-d5	7.53	82	709879	86.51	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	295860	113.86	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1331325	89.97	ng		0.00
78) Terphenyl-d14	13.08	244	974260	94.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	93983	28.494	ng	#	88
3) Pyridine	3.66	79	215425	25.799	ng		87
4) n-Nitrosodimethylamine	3.62	42	68427	27.570	ng		85
6) Aniline	6.64	93	137923	12.245	ng	#	62
8) 2-Chlorophenol	6.75	128	329790	39.312	ng		98
9) Benzaldehyde	6.52	77	87667	14.689	ng		99
10) Phenol	6.62	94	384738	36.906	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	267021	29.724	ng		91
12) 1,3-Dichlorobenzene	6.90	146	324481	34.410	ng		98
13) 1,4-Dichlorobenzene	6.97	146	365223	36.146	ng		99
14) 1,2-Dichlorobenzene	7.13	146	320910	35.335	ng		100
15) Benzyl Alcohol	7.10	79	227177	37.136	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	347840	35.541	ng		54
17) 2-Methylphenol	7.22	107	245980	36.027	ng	#	85
18) Hexachloroethane	7.46	117	115297	34.081	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	211014	37.791	ng		92
20) 3+4-Methylphenols	7.37	107	336470	38.613	ng	#	55
22) Acetophenone	7.37	105	442251	36.424	ng	#	97
24) Nitrobenzene	7.55	77	298557	34.579	ng		96
25) Isophorone	7.78	82	586750	38.799	ng		98
26) 2-Nitrophenol	7.86	139	178382	39.580	ng		91
27) 2,4-Dimethylphenol	7.89	122	275245	42.347	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	383261	40.436	ng		100
29) 2,4-Dichlorophenol	8.10	162	273530	40.290	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	285975	37.125	ng		98
31) Naphthalene	8.26	128	962692	39.267	ng		99
32) Benzoic acid	8.00	122	43576	9.152	ng	#	83
33) 4-Chloroaniline	8.34	127	76643	7.415	ng		97
34) Hexachlorobutadiene	8.37	225	151150	36.059	ng		99
35) Caprolactam	8.69	113	78947	36.674	ng	#	77
36) 4-Chloro-3-methylphenol	8.80	107	286489	39.896	ng		99
37) 2-Methylnaphthalene	8.96	142	602794	37.327	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	275078	38.442	ng		98
40) Hexachlorocyclopentadiene	9.10	237	39799	16.407	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	168009	37.079	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	195342	35.705	ng		94
45) 1,1'-Biphenyl	9.42	154	747076	37.302	ng		100
46) 2-Chloronaphthalene	9.45	162	579762	36.698	ng		98
47) 2-Nitroaniline	9.55	65	164712	36.564	ng		95
48) Acenaphthylene	9.86	152	854378	35.698	ng		100
49) Dimethylphthalate	9.72	163	783859	42.546	ng		99
50) 2,6-Dinitrotoluene	9.79	165	143987	36.327	ng		98
51) Acenaphthene	10.03	154	479202	34.611	ng		98
52) 3-Nitroaniline	9.97	138	69282	15.205	ng		98
53) 2,4-Dinitrophenol	10.08	184	46869	30.771	ng	#	35
54) Dibenzofuran	10.21	168	753322	37.259	ng		98
55) 4-Nitrophenol	10.14	139	162845	59.606	ng		98
56) 2,4-Dinitrotoluene	10.20	165	180521	35.692	ng	#	97
57) Fluorene	10.55	166	597765	35.842	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	161535	39.409	ng	#	85
59) Diethylphthalate	10.42	149	640162	36.270	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	289364	37.776	ng		95
61) 4-Nitroaniline	10.59	138	118889	27.886	ng		91
62) Azobenzene	10.70	77	576636	36.131	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	45794	20.169	ng		84
65) n-Nitrosodiphenylamine	10.66	169	528233	41.584	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	160281	39.942	ng	#	89
67) Hexachlorobenzene	11.10	284	172833	37.442	ng	#	84
68) Atrazine	11.19	200	160426	41.223	ng		99
69) Pentachlorophenol	11.30	266	155066	61.047	ng		97
70) Phenanthrene	11.52	178	738564	36.369	ng		98
71) Anthracene	11.57	178	831007	39.176	ng		99
72) Carbazole	11.73	167	706412	34.893	ng		99
73) Di-n-butylphthalate	12.04	149	930857	38.601	ng		99
74) Fluoranthene	12.72	202	653769	30.287	ng		97
76) Benzidine	12.85	184	295995	43.722	ng		97
77) Pyrene	12.95	202	637467	37.329	ng		99
79) Butylbenzylphthalate	13.54	149	306316	38.073	ng		94
80) Benzo(a)anthracene	14.14	228	535925	36.054	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	153603	31.219	ng		98
82) Chrysene	14.18	228	562435	38.631	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	402772	38.745	ng		99
84) Di-n-octyl phthalate	14.72	149	662762	37.063	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.28	276	549885	36.448	ng		96
87) Benzo(b)fluoranthene	15.23	252	528946	32.916	ng		100
88) Benzo(k)fluoranthene	15.26	252	641953	42.408	ng		98
89) Benzo(a)pyrene	15.63	252	569230	38.226	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	477922	34.713	ng		98
91) Benzo(g,h,i)perylene	17.76	276	430313	31.204	ng		95

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

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