Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109673.D
Acq On : 9 Oct 2018 3:05
Operator : JU/SJ
Sample : J5287-11MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-6MSD

Manual Integrations APPROVED
Sohil
10/9/2018 2:57:51 PM

Quant Time: Oct 09 05:17:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112404	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	413800	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	171273	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	274961	20.00	ng		0.00
75) Chrysene-d12	13.83	240	215747	20.00	ng		0.00
86) Perylene-d12	15.23	264	195798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	886983	140.07	ng		0.01
7) Phenol-d6	6.36	99	1134074	134.06	ng		0.00
23) Nitrobenzene-d5	7.27	82	746299	99.42	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	226501	121.37	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1147477	92.27	ng		0.00
78) Terphenyl-d14	12.78	244	880702	79.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	98770	29.719	ng		99
3) Pyridine	3.18	79	210992	30.772	ng		97
4) n-Nitrosodimethylamine	3.10	42	118024	47.689	ng		96
6) Aniline	6.37	93	190917	19.374	ng	#	12
8) 2-Chlorophenol	6.49	128	305752	39.259	ng		99
9) Benzaldehyde	6.25	77	161525	29.672	ng		99
10) Phenol	6.37	94	352543	36.343	ng	#	76
11) bis(2-Chloroethyl)ether	6.44	93	274181	34.093	ng		98
12) 1,3-Dichlorobenzene	6.64	146	333662	37.458	ng		99
13) 1,4-Dichlorobenzene	6.72	146	357140	36.781	ng		100
14) 1,2-Dichlorobenzene	6.87	146	316898	37.162	ng		99
15) Benzyl Alcohol	6.85	79	252036	40.188	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	396723	37.203	ng		96
17) 2-Methylphenol	6.97	107	240754	39.091	ng		99
18) Hexachloroethane	7.20	117	119428	34.797	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	219615	37.019	ng		99
20) 3+4-Methylphenols	7.13	107	302325	39.837	ng		97
22) Acetophenone	7.12	105	449296	44.901	ng		99
24) Nitrobenzene	7.29	77	322315	41.263	ng		98
25) Isophorone	7.52	82	583496	46.809	ng		99
26) 2-Nitrophenol	7.60	139	156331	42.787	ng		99
27) 2,4-Dimethylphenol	7.65	122	257649	48.833	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	374492	44.415	ng		99
29) 2,4-Dichlorophenol	7.85	162	256066	43.269	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	266187	40.631	ng		98
31) Naphthalene	8.00	128	870191	45.471	ng		99
32) Benzoic acid	7.76	122	47715	12.649	ng	#	85
33) 4-Chloroaniline	8.06	127	82864	9.833	ng		96
34) Hexachlorobutadiene	8.12	225	161526	39.654	ng		98
35) Caprolactam	8.42	113	68812m	38.934	ng		
36) 4-Chloro-3-methylphenol	8.56	107	257728	41.256	ng		97
37) 2-Methylnaphthalene	8.69	142	553065	44.120	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	255295	43.789	ng		99
40) Hexachlorocyclopentadiene	8.85	237	107968	45.688	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	155083	44.497	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	174029	43.428	ng		99
45) 1,1'-Biphenyl	9.16	154	650385	42.507	ng		98
46) 2-Chloronaphthalene	9.18	162	487089	42.492	ng		99
47) 2-Nitroaniline	9.28	65	150407	43.333	ng		93
48) Acenaphthylene	9.59	152	743823	44.509	ng		100
49) Dimethylphthalate	9.46	163	634027	50.475	ng		99
50) 2,6-Dinitrotoluene	9.52	165	119208	43.780	ng		92
51) Acenaphthene	9.76	154	408151	41.199	ng		99
52) 3-Nitroaniline	9.69	138	77419	25.365	ng		97
53) 2,4-Dinitrophenol	9.80	184	33508	38.143	ng		91
54) Dibenzofuran	9.93	168	608947	41.007	ng		99
55) 4-Nitrophenol	9.87	139	131561	78.747	ng		89
56) 2,4-Dinitrotoluene	9.92	165	141543	41.655	ng		96
57) Fluorene	10.27	166	462977	41.749	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	138598	42.547	ng		95
59) Diethylphthalate	10.15	149	543112	43.638	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	225292	38.508	ng		96
61) 4-Nitroaniline	10.30	138	100396	35.518	ng		98
62) Azobenzene	10.43	77	500009	39.562	ng		98
64) 4,6-Dinitro-2-methylphenol	10.33	198	38013	28.404	ng		93
65) n-Nitrosodiphenylamine	10.39	169	431292	46.270	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	139365	44.112	ng		94
67) Hexachlorobenzene	10.82	284	142064	41.526	ng		93
68) Atrazine	10.92	200	135742	46.663	ng		98
69) Pentachlorophenol	11.02	266	125613	65.251	ng		99
70) Phenanthrene	11.23	178	619254	45.004	ng		99
71) Anthracene	11.28	178	652310	45.859	ng		100
72) Carbazole	11.44	167	568796	41.230	ng		99
73) Di-n-butylphthalate	11.77	149	721256	45.076	ng		99
74) Fluoranthene	12.41	202	635236	44.190	ng		98
76) Benzidine	12.54	184	170463	21.269	ng	#	95
77) Pyrene	12.63	202	624400	39.501	ng		99
79) Butylbenzylphthalate	13.26	149	285635	41.679	ng		98
80) Benzo(a)anthracene	13.82	228	533530	44.813	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	173780	36.250	ng		99
82) Chrysene	13.86	228	562117	44.949	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	374684	44.812	ng		98
84) Di-n-octyl phthalate	14.42	149	675948	51.146	ng		100
85) Indeno(1,2,3-cd)pyrene	16.57	276	432553	48.324	ng		100
87) Benzo(b)fluoranthene	14.83	252	469537	43.395	ng		99
88) Benzo(k)fluoranthene	14.86	252	484291	44.546	ng		99
89) Benzo(a)pyrene	15.17	252	442815	45.098	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	359003	44.518	ng		100
91) Benzo(g,h,i)perylene	16.97	276	349661	43.421	ng		99

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

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