Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114019.D
Acq On : 29 Apr 2019 12:46
Operator : JU/SJ
Sample : K2571-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 114-PENNINGTONMS

Quant Time: Apr 30 01:19:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	93432	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	355725	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	180489	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	316986	20.00	ng		0.00
76) Chrysene-d12	14.06	240	211381	20.00	ng		-0.01
87) Perylene-d12	15.55	264	248004	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	611357	111.91	ng		0.00
7) Phenol-d6	6.52	99	794410	115.91	ng		0.00
23) Nitrobenzene-d5	7.45	82	480223	83.35	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	232109	105.57	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	969761	84.03	ng		-0.01
79) Terphenyl-d14	12.99	244	904904	87.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	86159	33.459	ng		99
3) Pyridine	3.49	79	219020	31.160	ng		98
4) n-Nitrosodimethylamine	3.42	42	82337	34.221	ng		94
6) Aniline	6.55	93	239768	25.477	ng		97
8) 2-Chlorophenol	6.68	128	239355	38.378	ng		99
9) Benzaldehyde	6.44	77	58203	10.401	ng		95
10) Phenol	6.53	94	312090	38.081	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	233238	37.820	ng		96
12) 1,3-Dichlorobenzene	6.84	146	270330	38.271	ng		97
13) 1,4-Dichlorobenzene	6.91	146	276894	38.974	ng		98
14) 1,2-Dichlorobenzene	7.06	146	261172	40.000	ng		98
15) Benzyl Alcohol	7.03	79	200741	43.489	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	261387	36.308	ng		91
17) 2-Methylphenol	7.15	107	207107	37.883	ng		97
18) Hexachloroethane	7.41	117	94779	38.056	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	168125	37.880	ng		98
20) 3+4-Methylphenols	7.29	107	245963	39.821	ng	#	81
22) Acetophenone	7.30	105	335136	42.336	ng		96
24) Nitrobenzene	7.47	77	258879	40.666	ng		99
25) Isophorone	7.71	82	464096	39.368	ng		99
26) 2-Nitrophenol	7.79	139	126155	43.439	ng		92
27) 2,4-Dimethylphenol	7.82	122	207948	43.948	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	298036	39.675	ng		99
29) 2,4-Dichlorophenol	8.03	162	220945	40.834	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	243488	40.358	ng		97
31) Naphthalene	8.20	128	701834	41.531	ng		99
32) Benzoic acid	7.89	122	32843	10.278	ng		96
33) 4-Chloroaniline	8.24	127	159707	22.335	ng		96
34) Hexachlorobutadiene	8.32	225	148567	39.502	ng		98
35) Caprolactam	8.59	113	54196	31.487	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	213993	39.919	ng		98
37) 2-Methylnaphthalene	8.89	142	480007	42.122	ng		99
38) 1-Methylnaphthalene	8.99	142	447755	40.710	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	245367	41.851	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	264254	80.827	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	156977	42.165	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	171098	40.974	ng		97
46) 1,1'-Biphenyl	9.35	154	590919	42.857	ng		99
47) 2-Chloronaphthalene	9.37	162	472021	42.097	ng		100
48) 2-Nitroaniline	9.46	65	128732	43.796	ng		87
49) Acenaphthylene	9.79	152	717834	40.894	ng		98
50) Dimethylphthalate	9.65	163	641185	49.121	ng		99
51) 2,6-Dinitrotoluene	9.70	165	124803	44.566	ng		98
52) Acenaphthene	9.96	154	435385	41.969	ng		98
53) 3-Nitroaniline	9.87	138	95177	32.343	ng		97
54) 2,4-Dinitrophenol	9.97	184	50954	46.001	ng	#	8
55) Dibenzofuran	10.13	168	646709	41.617	ng		100
56) 4-Nitrophenol	10.03	139	168717	72.411	ng		93
57) 2,4-Dinitrotoluene	10.10	165	160361	45.367	ng		98
58) Fluorene	10.47	166	478574	40.907	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	130791	35.642	ng		98
60) Diethylphthalate	10.35	149	510970	41.222	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	254538	41.082	ng		96
62) 4-Nitroaniline	10.48	138	111179	38.715	ng		98
63) Azobenzene	10.62	77	464094	38.630	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	45712	33.981	ng		94
66) n-Nitrosodiphenylamine	10.58	169	430549	45.267	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	156033	40.747	ng		95
68) Hexachlorobenzene	11.03	284	171424	40.737	ng		100
69) Atrazine	11.10	200	132117	42.700	ng		96
70) Pentachlorophenol	11.22	266	151147	63.440	ng		98
71) Phenanthrene	11.44	178	673783	42.296	ng		99
72) Anthracene	11.49	178	683316	42.476	ng		99
73) Carbazole	11.64	167	577715	40.253	ng		100
74) Di-n-butylphthalate	11.97	149	718398	42.552	ng		100
75) Fluoranthene	12.63	202	662111	38.095	ng		97
77) Benzidine	12.74	184	126939	20.155	ng	#	86
78) Pyrene	12.85	202	659045	44.584	ng		99
80) Butylbenzylphthalate	13.46	149	269761	46.382	ng		99
81) Benzo(a)anthracene	14.04	228	545336	43.787	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	67426	14.771	ng		97
83) Chrysene	14.08	228	552090	45.517	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	379645	51.305	ng		99
85) Di-n-octyl phthalate	14.67	149	625412	53.997	ng		98
86) Indeno(1,2,3-cd)pyrene	17.05	276	747530	65.064	ng		98
88) Benzo(b)fluoranthene	15.12	252	588016	37.475	ng		99
89) Benzo(k)fluoranthene	15.15	252	573840	42.516	ng		99
90) Benzo(a)pyrene	15.49	252	580510	42.773	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	624561	49.022	ng		99
92) Benzo(g,h,i)perylene	17.49	276	635413	49.421	ng		98

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

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