Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114633.D
Acq On : 29 May 2019 14:49
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: May 29 16:57:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	299273	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1202252	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	602313	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1196433	20.00	ng		0.00
76) Chrysene-d12	13.82	240	880999	20.00	ng		0.00
87) Perylene-d12	15.20	264	1016937	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	755596	40.63	ng		0.00
7) Phenol-d6	6.32	99	916725	41.68	ng		-0.01
23) Nitrobenzene-d5	7.25	82	832271	38.85	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	258221	41.47	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1666349	41.85	ng		0.00
79) Terphenyl-d14	12.77	244	1948176	45.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	167708	16.407	ng		99
3) Pyridine	3.03	79	479849	17.038	ng		98
4) n-Nitrosodimethylamine	2.96	42	196034	14.434	ng	#	99
6) Aniline	6.35	93	681796	21.459	ng		98
8) 2-Chlorophenol	6.47	128	433454	21.833	ng		99
9) Benzaldehyde	6.23	77	305442	19.836	ng		98
10) Phenol	6.33	94	565336	21.849	ng		88
11) bis(2-Chloroethyl)ether	6.43	93	407487	20.744	ng		100
12) 1,3-Dichlorobenzene	6.63	146	496247	22.268	ng		97
13) 1,4-Dichlorobenzene	6.71	146	500432	22.284	ng		98
14) 1,2-Dichlorobenzene	6.86	146	470784	22.947	ng		99
15) Benzyl Alcohol	6.83	79	368956	21.507	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	635998	16.698	ng		99
17) 2-Methylphenol	6.95	107	352032	21.586	ng		99
18) Hexachloroethane	7.21	117	183662	21.788	ng		97
19) n-Nitroso-di-n-propylamine	7.11	70	301692	21.640	ng		99
20) 3+4-Methylphenols	7.10	107	430742	22.860	ng		96
22) Acetophenone	7.10	105	578420	21.718	ng		96
24) Nitrobenzene	7.27	77	441117	20.217	ng		99
25) Isophorone	7.51	82	817448	20.575	ng		97
26) 2-Nitrophenol	7.59	139	199581	18.853	ng		97
27) 2,4-Dimethylphenol	7.63	122	354843	21.342	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	537034	20.832	ng		98
29) 2,4-Dichlorophenol	7.83	162	362370	21.888	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	419788	22.298	ng		99
31) Naphthalene	8.00	128	1269502	22.605	ng		96
32) Benzoic acid	7.72	122	218326	20.053	ng		96
33) 4-Chloroaniline	8.04	127	579157	22.631	ng		99
34) Hexachlorobutadiene	8.12	225	237178	22.142	ng		99
35) Caprolactam	8.39	113	122109	22.620	ng		95
36) 4-Chloro-3-methylphenol	8.52	107	364555	21.876	ng		97
37) 2-Methylnaphthalene	8.69	142	851766	23.508	ng		98
38) 1-Methylnaphthalene	8.78	142	803471	23.547	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	373550	20.474	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	238089	31.013	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	267288	21.298	ng		98
44) 2,4,5-Trichlorophenol	8.99	196	270544	21.021	ng		99
46) 1,1'-Biphenyl	9.15	154	1029005	21.147	ng		97
47) 2-Chloronaphthalene	9.17	162	843949	21.551	ng		98
48) 2-Nitroaniline	9.26	65	237674	17.114	ng		98
49) Acenaphthylene	9.58	152	1283301	21.546	ng		98
50) Dimethylphthalate	9.45	163	961505	21.746	ng		99
51) 2,6-Dinitrotoluene	9.50	165	201609	20.558	ng	#	85
52) Acenaphthene	9.75	154	796834	21.802	ng		98
53) 3-Nitroaniline	9.66	138	252998	20.782	ng		95
54) 2,4-Dinitrophenol	9.76	184	66814	16.987	ng	#	8
55) Dibenzofuran	9.92	168	1130053	21.086	ng		97
56) 4-Nitrophenol	9.82	139	184943	21.482	ng		93
57) 2,4-Dinitrotoluene	9.90	165	263919	19.827	ng		91
58) Fluorene	10.26	166	834394	20.156	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	225136	20.273	ng		99
60) Diethylphthalate	10.15	149	979450	21.802	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	419189	20.618	ng		95
62) 4-Nitroaniline	10.27	138	235519	18.411	ng		98
63) Azobenzene	10.42	77	917455	21.098	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	92244	16.045	ng		83
66) n-Nitrosodiphenylamine	10.37	169	778803	21.448	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	278216	21.120	ng		97
68) Hexachlorobenzene	10.81	284	304876	20.920	ng		99
69) Atrazine	10.90	200	251952	22.296	ng		98
70) Pentachlorophenol	11.00	266	169112	24.480	ng		98
71) Phenanthrene	11.22	178	1345297	23.112	ng		97
72) Anthracene	11.27	178	1362209	23.300	ng		98
73) Carbazole	11.42	167	1216948	21.828	ng		97
74) Di-n-butylphthalate	11.77	149	1594331	24.822	ng		97
75) Fluoranthene	12.40	202	1413700	22.553	ng		95
77) Benzidine	12.52	184	792813	20.048	ng		99
78) Pyrene	12.62	202	1426793	20.132	ng		98
80) Butylbenzylphthalate	13.25	149	682187	22.869	ng		96
81) Benzo(a)anthracene	13.80	228	1333932	23.409	ng		98
82) 3,3'-Dichlorobenzidine	13.77	252	531744	24.055	ng		98
83) Chrysene	13.84	228	1277983	22.879	ng		97
84) Bis(2-ethylhexyl)phthalate	13.82	149	916496	23.491	ng		99
85) Di-n-octyl phthalate	14.43	149	1600271	25.303	ng		99
86) Indeno(1,2,3-cd)pyrene	16.52	276	1333124	27.004	ng		100
88) Benzo(b)fluoranthene	14.82	252	1266437	19.439	ng		100
89) Benzo(k)fluoranthene	14.84	252	1264658	21.131	ng		99
90) Benzo(a)pyrene	15.15	252	1194919	20.840	ng		99
91) Dibenzo(a,h)anthracene	16.54	278	1111048	23.319	ng		99
92) Benzo(g,h,i)perylene	16.92	276	1043248	21.849	ng		98

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

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