Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011621\
Data File : BF122973.D
Acq On : 15 Jan 2021 20:24
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
1/18/2021 3:37:33 PM

Quant Time: Jan 16 00:31:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 00:28:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	277201	20.00	ng		0.00
21) Naphthalene-d8	8.187	136	1055010	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	531856	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	870441	20.00	ng		# 0.00
76) Chrysene-d12	14.080	240	633315	20.00	ng		0.00
86) Perylene-d12	15.551	264	609620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2149145	116.39	ng		0.00
7) Phenol-d6	6.534	99	2876456	114.79	ng		0.01
23) Nitrobenzene-d5	7.469	82	2521306	118.16	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	760135	126.53	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	4004445	106.73	ng		0.00
79) Terphenyl-d14	13.022	244	4057748	118.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	532154	61.69	ng	#	84
3) Pyridine	3.457	79	1480535	63.12	ng	#	84
4) n-Nitrosodimethylamine	3.428	42	664622	67.79	ng		89
6) Aniline	6.569	93	1849458	61.90	ng		98
8) 2-Chlorophenol	6.692	128	1125918	56.65	ng		96
10) Phenol	6.545	94	1444992m	58.25	ng		
11) bis(2-Chloroethyl)ether	6.640	93	1184956	59.55	ng		91
12) 1,3-Dichlorobenzene	6.845	146	1292459	57.07	ng		98
13) 1,4-Dichlorobenzene	6.922	146	1297914	57.03	ng		98
14) 1,2-Dichlorobenzene	7.075	146	1178028	54.81	ng		97
15) Benzyl Alcohol	7.045	79	1065501	60.26	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	2039747	65.48	ng		93
17) 2-Methylphenol	7.145	107	1006414	60.99	ng		98
18) Hexachloroethane	7.416	117	491728	57.82	ng		91
19) n-Nitroso-di-n-propyla...	7.328	70	886614	57.99	ng		95
20) 3+4-Methylphenols	7.304	107	1180854	56.06	ng	#	83
22) Acetophenone	7.316	105	1571035	56.39	ng	#	98
24) Nitrobenzene	7.487	77	1293712	60.56	ng		95
25) Isophorone	7.728	82	2293824	59.95	ng		100
26) 2-Nitrophenol	7.798	139	640700	67.97	ng		97
27) 2,4-Dimethylphenol	7.834	122	938905	56.07	ng		100
28) bis(2-Chloroethoxy)met...	7.934	93	1506806	58.12	ng		99
29) 2,4-Dichlorophenol	8.039	162	977359	57.70	ng		95
30) 1,2,4-Trichlorobenzene	8.128	180	1011288	52.15	ng		98
31) Naphthalene	8.210	128	3139377	54.69	ng		98
32) Benzoic acid	7.981	122	904147	72.02	ng		98
33) 4-Chloroaniline	8.251	127	1451079	58.31	ng		96
34) Hexachlorobutadiene	8.328	225	556752	49.30	ng		99
35) Caprolactam	8.645	113	346307m	60.92	ng		
36) 4-Chloro-3-methylphenol	8.734	107	1063571	61.06	ng		97
37) 2-Methylnaphthalene	8.898	142	2198195	55.71	ng		99
38) 1-Methylnaphthalene	8.998	142	2069546	55.39	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	862891	50.89	ng	#	97
41) Hexachlorocyclopentadiene	9.057	237	462666	51.01	ng		96
43) 2,4,6-Trichlorophenol	9.175	196	681491	56.76	ng		99
44) 2,4,5-Trichlorophenol	9.210	196	690599	58.15	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	2471437	57.84	ng		98
47) 2-Chloronaphthalene	9.392	162	2090868	60.25	ng		98
48) 2-Nitroaniline	9.481	65	792802	75.93	ng		82
49) Acenaphthylene	9.810	152	3061431	59.66	ng		99
50) Dimethylphthalate	9.669	163	2416220	61.08	ng		98
51) 2,6-Dinitrotoluene	9.728	165	552774	65.33	ng	#	87
52) Acenaphthene	9.981	154	2005182	59.43	ng		99
53) 3-Nitroaniline	9.898	138	695768	69.99	ng		97
54) 2,4-Dinitrophenol	9.998	184	278286	90.78	ng		98
55) Dibenzofuran	10.151	168	2705019	56.58	ng		97
56) 4-Nitrophenol	10.045	139	526266	69.89	ng		88
57) 2,4-Dinitrotoluene	10.128	165	737094	68.12	ng		91
58) Fluorene	10.492	166	2106373	54.26	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	560465	54.30	ng	#	85
60) Diethylphthalate	10.369	149	2353148	59.50	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	965089	51.35	ng		98
62) 4-Nitroaniline	10.516	138	691711	70.86	ng		94
63) Azobenzene	10.645	77	2317892	59.48	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	342646	86.96	ng		80
66) n-Nitrosodiphenylamine	10.604	169	1921226	65.53	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	646981	61.49	ng		96
68) Hexachlorobenzene	11.045	284	731709	64.74	ng		98
69) Atrazine	11.128	200	501251	53.39	ng		95
70) Pentachlorophenol	11.233	266	428536	62.64	ng		99
71) Phenanthrene	11.457	178	2968518	60.19	ng		98
72) Anthracene	11.510	178	2945737	60.24	ng		98
73) Carbazole	11.663	167	2878448	63.46	ng		99
74) Di-n-butylphthalate	11.992	149	3375710	62.28	ng		98
75) Fluoranthene	12.645	202	3049039	58.08	ng		96
77) Benzidine	12.763	184	1058880	58.56	ng		99
78) Pyrene	12.880	202	3035997	61.67	ng		98
80) Butylbenzylphthalate	13.492	149	1502055	70.05	ng		93
81) Benzo(a)anthracene	14.068	228	2581161	60.73	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	881809	62.42	ng	#	97
83) Chrysene	14.110	228	2524588	61.62	ng		98
84) Bis(2-ethylhexyl)phtha...	14.057	149	1868162	66.33	ng		97
85) Di-n-octyl phthalate	14.674	149	3210753	67.35	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.057	276	2375154	60.29	ng	#	93
88) Benzo(b)fluoranthene	15.127	252	2599159	60.65	ng		98
89) Benzo(k)fluoranthene	15.157	252	2426309m	61.49	ng		
90) Benzo(a)pyrene	15.498	252	2310047	61.34	ng	#	96
91) Dibenzo(a,h)anthracene	17.074	278	1940723	60.05	ng	#	96
92) Benzo(g,h,i)perylene	17.509	276	1863814	60.57	ng	#	96

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

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