Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011621\
Data File : BF122974.D
Acq On : 15 Jan 2021 20:55
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 00:31:32 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

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	281314	20.00	ng		0.00
21) Naphthalene-d8	8.187	136	1040490	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	525188	20.00	ng		0.00
64) Phenanthrene-d10	11.428	188	854693	20.00	ng		# 0.00
76) Chrysene-d12	14.080	240	627798	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	565187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2432862	129.83	ng		0.00
7) Phenol-d6	6.534	99	3318561	130.50	ng		0.01
23) Nitrobenzene-d5	7.475	82	2870097	136.39	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	874046	147.34	ng		0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng		
79) Terphenyl-d14	13.022	244	4583753	135.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	627564	71.69	ng	#	84
3) Pyridine	3.463	79	1702668	71.53	ng	#	82
4) n-Nitrosodimethylamine	3.440	42	770593	77.44	ng		92
6) Aniline	6.569	93	2108886	69.55	ng		98
8) 2-Chlorophenol	6.693	128	1294641	64.18	ng		93
10) Phenol	6.545	94	1691856m	67.21	ng		
11) bis(2-Chloroethyl)ether	6.640	93	1362893	67.49	ng		91
12) 1,3-Dichlorobenzene	6.845	146	1492139	64.93	ng		98
13) 1,4-Dichlorobenzene	6.922	146	1488450	64.44	ng		98
14) 1,2-Dichlorobenzene	7.075	146	1353891	62.07	ng		96
15) Benzyl Alcohol	7.045	79	1192690	66.47	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	2289469	72.42	ng		95
17) 2-Methylphenol	7.151	107	1142832	68.24	ng		99
18) Hexachloroethane	7.416	117	563500	65.29	ng		91
19) n-Nitroso-di-n-propyla...	7.328	70	1003656	64.69	ng		93
20) 3+4-Methylphenols	7.310	107	1320102	61.76	ng	#	88
22) Acetophenone	7.316	105	1771015	64.46	ng	#	93
24) Nitrobenzene	7.492	77	1471206	69.83	ng		97
25) Isophorone	7.728	82	2615319	69.30	ng		99
26) 2-Nitrophenol	7.798	139	742214	79.84	ng		96
27) 2,4-Dimethylphenol	7.834	122	1080640	65.44	ng		100
28) bis(2-Chloroethoxy)met...	7.934	93	1696411	66.34	ng		98
29) 2,4-Dichlorophenol	8.040	162	1112473	66.60	ng		96
30) 1,2,4-Trichlorobenzene	8.128	180	1137614	59.49	ng		98
31) Naphthalene	8.210	128	3507374	61.95	ng		97
32) Benzoic acid	7.987	122	1052619	85.02	ng		97
33) 4-Chloroaniline	8.251	127	1702335	69.36	ng	#	96
34) Hexachlorobutadiene	8.328	225	650550	58.40	ng		99
35) Caprolactam	8.651	113	404607m	72.17	ng		
36) 4-Chloro-3-methylphenol	8.739	107	1191673	69.37	ng		98
37) 2-Methylnaphthalene	8.898	142	2448087	62.91	ng		98
38) 1-Methylnaphthalene	8.998	142	2339756	63.50	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	970417	57.96	ng	#	97
41) Hexachlorocyclopentadiene	9.057	237	528717	59.03	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	790720	66.69	ng		98
44) 2,4,5-Trichlorophenol	9.216	196	760044	64.81	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2746877	65.11	ng		98
47) 2-Chloronaphthalene	9.392	162	2331744	68.04	ng		97
48) 2-Nitroaniline	9.486	65	898083	87.11	ng		90
49) Acenaphthylene	9.810	152	3396273	67.02	ng		97
50) Dimethylphthalate	9.675	163	2770879	70.94	ng		99
51) 2,6-Dinitrotoluene	9.728	165	646421	77.36	ng	#	84
52) Acenaphthene	9.981	154	2255250	67.70	ng		99
53) 3-Nitroaniline	9.898	138	799609	81.45	ng		92
55) Dibenzofuran	10.151	168	3008660	63.73	ng		95
56) 4-Nitrophenol	10.045	139	620162	83.40	ng	#	86
57) 2,4-Dinitrotoluene	10.133	165	827918	77.48	ng		97
58) Fluorene	10.498	166	2322857	60.59	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	613984m	60.24	ng		
60) Diethylphthalate	10.369	149	2625421	67.23	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	1057669	56.99	ng		97
62) 4-Nitroaniline	10.522	138	786969	81.65	ng		94
63) Azobenzene	10.645	77	2626430	68.25	ng		95
65) 4,6-Dinitro-2-methylph...	10.545	198	402724	104.09	ng		96
66) n-Nitrosodiphenylamine	10.604	169	2198985	76.38	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	743756	71.99	ng		95
68) Hexachlorobenzene	11.045	284	852318	76.80	ng		96
69) Atrazine	11.128	200	533170	57.84	ng		95
70) Pentachlorophenol	11.233	266	492978	73.38	ng		100
71) Phenanthrene	11.457	178	3338326	68.93	ng		97
72) Anthracene	11.510	178	3329380	69.34	ng		98
73) Carbazole	11.663	167	3278278	73.60	ng		98
74) Di-n-butylphthalate	11.992	149	3772331	70.89	ng		98
75) Fluoranthene	12.651	202	3449097	66.91	ng		97
77) Benzidine	12.763	184	1159527	64.69	ng		99
78) Pyrene	12.880	202	3442218	70.54	ng		97
80) Butylbenzylphthalate	13.498	149	1713533	80.61	ng		99
81) Benzo(a)anthracene	14.069	228	2919582	69.30	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	980882	70.04	ng	#	99
83) Chrysene	14.110	228	2911023	71.68	ng		98
84) Bis(2-ethylhexyl)phtha...	14.057	149	2090437	74.88	ng		96
85) Di-n-octyl phthalate	14.674	149	3572768	75.60	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.057	276	2613965	71.56	ng	#	94
88) Benzo(b)fluoranthene	15.127	252	2854323m	71.84	ng		
89) Benzo(k)fluoranthene	15.163	252	2748429	75.13	ng		99
90) Benzo(a)pyrene	15.498	252	2554538	73.17	ng	#	95
91) Dibenzo(a,h)anthracene	17.080	278	2122539	70.84	ng	#	97
92) Benzo(g,h,i)perylene	17.509	276	2027407	71.07	ng	#	94

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

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