Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132115.D
Acq On : 18 Jan 2023 12:44
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 18 13:27:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 13:25:54 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	228426	20.000	ng	0.00
21) Naphthalene-d8	8.389	136	806459	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	431380	20.000	ng	0.00
64) Phenanthrene-d10	11.654	188	846155	20.000	ng	0.00
76) Chrysene-d12	14.318	240	407629	20.000	ng	# 0.00
86) Perylene-d12	15.912	264	375101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	1183633	83.236	ng	0.00
7) Phenol-d6	6.719	99	1518921	82.754	ng	0.00
23) Nitrobenzene-d5	7.672	82	1488022	93.364	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	456227	92.199	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2282236	76.175	ng	0.00
79) Terphenyl-d14	13.248	244	2469867	92.822	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.078	88	324783	45.270	ng	99
3) Pyridine	3.819	79	885536	47.041	ng	100
4) n-Nitrosodimethylamine	3.796	42	441836	49.771	ng	99
6) Aniline	6.772	93	1110297m	45.130	ng	
8) 2-Chlorophenol	6.884	128	627022	40.997	ng	97
9) Benzaldehyde	6.654	77	499146	39.136	ng	99
10) Phenol	6.731	94	776594	41.033	ng	99
11) bis(2-Chloroethyl)ether	6.836	93	679141	42.718	ng	99
12) 1,3-Dichlorobenzene	7.042	146	697287	41.885	ng	97
13) 1,4-Dichlorobenzene	7.119	146	687088	40.949	ng	98
14) 1,2-Dichlorobenzene	7.278	146	605962	38.868	ng	98
15) Benzyl Alcohol	7.236	79	655935	50.325	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.372	45	1012422	42.571	ng	98
17) 2-Methylphenol	7.336	107	581294	43.511	ng	98
18) Hexachloroethane	7.619	117	265236	44.370	ng	90
19) n-Nitroso-di-n-propyla...	7.519	70	477130	42.417	ng	99
20) 3+4-Methylphenols	7.495	107	699836	40.740	ng	94
22) Acetophenone	7.513	105	827363	39.619	ng	98
24) Nitrobenzene	7.689	77	757776	44.596	ng	98
25) Isophorone	7.925	82	1482066	46.936	ng	99
26) 2-Nitrophenol	8.001	139	342367	53.194	ng	95
27) 2,4-Dimethylphenol	8.025	122	604219	43.084	ng	98
28) bis(2-Chloroethoxy)met...	8.125	93	804725	42.190	ng	99
29) 2,4-Dichlorophenol	8.236	162	580003	44.674	ng	98
30) 1,2,4-Trichlorobenzene	8.325	180	615217	42.564	ng	99
31) Naphthalene	8.413	128	1783911	40.283	ng	100
32) Benzoic acid	8.154	122	490849m	67.150	ng	
33) 4-Chloroaniline	8.454	127	802440	41.890	ng	99
34) Hexachlorobutadiene	8.525	225	417508	44.717	ng	98
35) Caprolactam	8.842	113	203782	50.473	ng	95
36) 4-Chloro-3-methylphenol	8.925	107	615195	46.071	ng	96
37) 2-Methylnaphthalene	9.101	142	1239368	40.134	ng	100
38) 1-Methylnaphthalene	9.201	142	1164906	40.130	ng	100
40) 1,2,4,5-Tetrachloroben...	9.266	216	644517	42.620	ng	99
41) Hexachlorocyclopentadiene	9.254	237	395926	56.336	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	449187	49.441	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.413	196	535512	46.668	ng		98
46)	1,1'-Biphenyl	9.572	154	1442095	40.624	ng		99
47)	2-Chloronaphthalene	9.595	162	1142054	41.814	ng		98
48)	2-Nitroaniline	9.689	65	443896	52.437	ng		97
49)	Acenaphthylene	10.019	152	1866613	42.061	ng		100
50)	Dimethylphthalate	9.872	163	1461732	43.122	ng		99
51)	2,6-Dinitrotoluene	9.930	165	331620	47.980	ng		97
52)	Acenaphthene	10.189	154	1125778	42.244	ng		98
53)	3-Nitroaniline	10.107	138	353167	48.304	ng		100
54)	2,4-Dinitrophenol	10.201	184	156484	68.638	ng	#	75
55)	Dibenzofuran	10.360	168	1710767	40.890	ng		99
56)	4-Nitrophenol	10.242	139	269087	53.593	ng		88
57)	2,4-Dinitrotoluene	10.336	165	425403	51.141	ng		96
58)	Fluorene	10.707	166	1243048	39.721	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.472	232	420989	46.178	ng		98
60)	Diethylphthalate	10.572	149	1459464	42.443	ng		99
61)	4-Chlorophenyl-phenyle...	10.695	204	667200	39.763	ng		93
62)	4-Nitroaniline	10.730	138	322209	49.276	ng		96
63)	Azobenzene	10.860	77	1410453	41.800	ng		97
65)	4,6-Dinitro-2-methylph...	10.748	198	224874	62.735	ng		97
66)	n-Nitrosodiphenylamine	10.813	169	1160218	41.396	ng		100
67)	4-Bromophenyl-phenylether	11.189	248	449002	43.225	ng		95
68)	Hexachlorobenzene	11.254	284	455454	43.887	ng		98
69)	Atrazine	11.336	200	404743	43.907	ng		99
70)	Pentachlorophenol	11.448	266	343035	51.553	ng		97
71)	Phenanthrene	11.677	178	1866913	39.825	ng		100
72)	Anthracene	11.730	178	1883250	39.433	ng		100
73)	Carbazole	11.883	167	1670354	40.295	ng		99
74)	Di-n-butylphthalate	12.207	149	2050774	40.909	ng		100
75)	Fluoranthene	12.877	202	1995326	39.319	ng		99
77)	Benzidine	12.989	184	585451	51.270	ng		99
78)	Pyrene	13.113	202	1981917	49.007	ng		99
80)	Butylbenzylphthalate	13.718	149	751632	55.737	ng		99
81)	Benzo(a)anthracene	14.307	228	1402348	47.180	ng		99
82)	3,3'-Dichlorobenzidine	14.260	252	402147	53.761	ng		98
83)	Chrysene	14.342	228	1301879	46.222	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.277	149	938243	51.454	ng		100
85)	Di-n-octyl phthalate	14.918	149	1308174	60.368	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.583	276	1254197	60.984	ng		100
88)	Benzo(b)fluoranthene	15.430	252	1151216	46.538	ng		99
89)	Benzo(k)fluoranthene	15.465	252	1125676	44.087	ng		99
90)	Benzo(a)pyrene	15.848	252	1086288	50.180	ng		98
91)	Dibenzo(a,h)anthracene	17.606	278	1014208	60.826	ng		99
92)	Benzo(g,h,i)perylene	18.100	276	1052012	60.854	ng		100

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

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