Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
Data File : BF132095.D
Acq On : 17 Jan 2023 14:39
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 18 00:09:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:03:41 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/18/2023
Supervised By :Jagrut Upadhyay
01/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	225962	20.000	ng	0.00
21) Naphthalene-d8	8.387	136	814492	20.000	ng	0.00
39) Acenaphthene-d10	10.157	164	439790	20.000	ng	0.00
64) Phenanthrene-d10	11.657	188	871307	20.000	ng	0.00
76) Chrysene-d12	14.321	240	545860	20.000	ng	0.00
86) Perylene-d12	15.921	264	401671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.716	112	544426	43.112	ng	0.00
7) Phenol-d6	6.704	99	707607	43.441	ng	-0.01
23) Nitrobenzene-d5	7.663	82	616392	42.312	ng	0.00
42) 2,4,6-Tribromophenol	10.945	330	189746	42.623	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	1167933	43.211	ng	0.00
79) Terphenyl-d14	13.251	244	1288647	39.795	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.081	88	138872	20.994	ng	98
3) Pyridine	3.816	79	379169	20.965	ng	99
4) n-Nitrosodimethylamine	3.775	42	181197	20.518	ng	96
6) Aniline	6.757	93	499189m	21.440	ng	
8) 2-Chlorophenol	6.881	128	293909	22.224	ng	98
9) Benzaldehyde	6.651	77	251711	23.653	ng	98
10) Phenol	6.716	94	371758	22.018	ng	98
11) bis(2-Chloroethyl)ether	6.828	93	313653	21.536	ng	98
12) 1,3-Dichlorobenzene	7.040	146	324281	21.921	ng	98
13) 1,4-Dichlorobenzene	7.116	146	318690	21.760	ng	98
14) 1,2-Dichlorobenzene	7.269	146	298769	22.191	ng	98
15) Benzyl Alcohol	7.228	79	276101	21.709	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.369	45	489524	22.010	ng	99
17) 2-Methylphenol	7.328	107	260761	21.531	ng	98
18) Hexachloroethane	7.616	117	111755	21.216	ng	97
19) n-Nitroso-di-n-propyla...	7.498	70	220557	21.259	ng	95
20) 3+4-Methylphenols	7.487	107	333662	22.467	ng	95
22) Acetophenone	7.504	105	406095	21.553	ng	97
24) Nitrobenzene	7.681	77	334566	21.620	ng	97
25) Isophorone	7.916	82	634920	20.463	ng	99
26) 2-Nitrophenol	7.998	139	104665	18.437	ng	88
27) 2,4-Dimethylphenol	8.022	122	269998	21.389	ng	96
28) bis(2-Chloroethoxy)met...	8.122	93	382848	21.571	ng	99
29) 2,4-Dichlorophenol	8.234	162	257629	21.813	ng	98
30) 1,2,4-Trichlorobenzene	8.322	180	281416	21.396	ng	98
31) Naphthalene	8.410	128	865869	21.597	ng	99
32) Benzoic acid	8.098	122	128133m	16.225	ng	
33) 4-Chloroaniline	8.451	127	376991	21.595	ng	95
34) Hexachlorobutadiene	8.522	225	179763	20.938	ng	99
35) Caprolactam	8.810	113	80559	21.042	ng	90
36) 4-Chloro-3-methylphenol	8.916	107	264637	21.270	ng	99
37) 2-Methylnaphthalene	9.098	142	598938	21.721	ng	97
38) 1-Methylnaphthalene	9.204	142	563341	21.751	ng	99
40) 1,2,4,5-Tetrachloroben...	9.263	216	299109	21.484	ng	99
41) Hexachlorocyclopentadiene	9.251	237	136599	19.816	ng	98
43) 2,4,6-Trichlorophenol	9.375	196	197980	21.728	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.410	196	223074	21.168	ng		94
46) 1,1'-Biphenyl	9.569	154	712863	21.845	ng		99
47) 2-Chloronaphthalene	9.592	162	549649	21.694	ng		98
48) 2-Nitroaniline	9.681	65	157639	20.789	ng		99
49) Acenaphthylene	10.016	152	899539	21.803	ng		99
50) Dimethylphthalate	9.863	163	668753	21.211	ng		100
51) 2,6-Dinitrotoluene	9.928	165	130201	21.486	ng		94
52) Acenaphthene	10.186	154	529555	21.492	ng		99
53) 3-Nitroaniline	10.098	138	141010	21.241	ng		95
54) 2,4-Dinitrophenol	10.198	184	42058	16.125	ng	#	41
55) Dibenzofuran	10.363	168	830081	21.747	ng		95
56) 4-Nitrophenol	10.233	139	104307	20.957	ng		96
57) 2,4-Dinitrotoluene	10.328	165	152263	20.621	ng	#	86
58) Fluorene	10.704	166	607459	21.495	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.469	232	180457	21.806	ng		98
60) Diethylphthalate	10.569	149	678470	21.531	ng		99
61) 4-Chlorophenyl-phenyle...	10.692	204	325010	21.650	ng		99
62) 4-Nitroaniline	10.716	138	128699	20.794	ng		96
63) Azobenzene	10.857	77	683117	21.564	ng		96
65) 4,6-Dinitro-2-methylph...	10.739	198	66273	17.519	ng		86
66) n-Nitrosodiphenylamine	10.810	169	561578	21.509	ng		100
67) 4-Bromophenyl-phenylether	11.192	248	208430	21.373	ng		93
68) Hexachlorobenzene	11.257	284	206994	21.332	ng		92
69) Atrazine	11.333	200	185111	21.697	ng		100
70) Pentachlorophenol	11.445	266	141821	21.489	ng		98
71) Phenanthrene	11.680	178	934896	21.582	ng		99
72) Anthracene	11.733	178	953852	21.735	ng		99
73) Carbazole	11.880	167	845775	21.804	ng		99
74) Di-n-butylphthalate	12.210	149	1028233	22.302	ng		98
75) Fluoranthene	12.880	202	1024351	21.949	ng		98
77) Benzidine	12.992	184	308103	21.501	ng		98
78) Pyrene	13.110	202	1044764	20.340	ng		99
80) Butylbenzylphthalate	13.721	149	353601	20.901	ng		91
81) Benzo(a)anthracene	14.310	228	804428	20.949	ng		99
82) 3,3'-Dichlorobenzidine	14.263	252	221471	22.011	ng	#	98
83) Chrysene	14.345	228	751404	20.803	ng		100
84) Bis(2-ethylhexyl)phtha...	14.286	149	507530	21.878	ng		100
85) Di-n-octyl phthalate	14.927	149	623613	19.082	ng		100
87) Indeno(1,2,3-cd)pyrene	17.586	276	455211	19.939	ng		99
88) Benzo(b)fluoranthene	15.439	252	528887	20.771	ng		99
89) Benzo(k)fluoranthene	15.468	252	580216	22.565	ng		99
90) Benzo(a)pyrene	15.851	252	482629	20.945	ng		99
91) Dibenzo(a,h)anthracene	17.609	278	369178	20.146	ng		99
92) Benzo(g,h,i)perylene	18.098	276	371569	19.566	ng		100

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

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