Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
Data File : BF132503.D
Acq On : 22 Feb 2023 13:46
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 23 00:24:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:06:56 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.013	152	207807	20.000	ng		0.00
21) Naphthalene-d8	8.295	136	759549	20.000	ng		0.00
39) Acenaphthene-d10	10.060	164	406965	20.000	ng		0.00
64) Phenanthrene-d10	11.554	188	788653	20.000	ng		0.00
76) Chrysene-d12	14.213	240	552863	20.000	ng	#	0.00
86) Perylene-d12	15.771	264	442223	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	582624	45.503	ng		0.00
7) Phenol-d6	6.637	99	751025	44.943	ng		0.00
23) Nitrobenzene-d5	7.572	82	698576	43.636	ng		0.00
42) 2,4,6-Tribromophenol	10.854	330	192936	43.898	ng		0.00
45) 2-Fluorobiphenyl	9.372	172	1166854	43.658	ng		0.00
79) Terphenyl-d14	13.142	244	1364463	41.728	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.896	88	156141	22.045	ng		99
3) Pyridine	3.672	79	411794	21.904	ng		98
4) n-Nitrosodimethylamine	3.619	42	151457	21.328	ng		95
6) Aniline	6.672	93	506849	22.538	ng		99
8) 2-Chlorophenol	6.796	128	304324	22.900	ng		98
9) Benzaldehyde	6.560	77	196277	21.767	ng		97
10) Phenol	6.649	94	441433	23.041	ng		98
11) bis(2-Chloroethyl)ether	6.743	93	330124	22.321	ng		95
12) 1,3-Dichlorobenzene	6.948	146	322550	22.618	ng		99
13) 1,4-Dichlorobenzene	7.031	146	322058	22.617	ng		97
14) 1,2-Dichlorobenzene	7.184	146	305740	22.372	ng		98
15) Benzyl Alcohol	7.148	79	289713	22.512	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.278	45	438486	23.250	ng		100
17) 2-Methylphenol	7.260	107	278811	22.480	ng		97
18) Hexachloroethane	7.525	117	126218	22.688	ng		98
19) n-Nitroso-di-n-propyla...	7.413	70	226938	22.066	ng		99
20) 3+4-Methylphenols	7.413	107	343348	21.428	ng		89
22) Acetophenone	7.413	105	422270	22.048	ng	#	96
24) Nitrobenzene	7.590	77	379997	22.194	ng		96
25) Isophorone	7.831	82	665027	21.667	ng		99
26) 2-Nitrophenol	7.907	139	167853	22.219	ng		98
27) 2,4-Dimethylphenol	7.943	122	265740	22.288	ng		99
28) bis(2-Chloroethoxy)met...	8.037	93	392582	21.864	ng		98
29) 2,4-Dichlorophenol	8.154	162	266939	22.507	ng		98
30) 1,2,4-Trichlorobenzene	8.237	180	284924	22.124	ng		98
31) Naphthalene	8.319	128	890726	22.907	ng		99
32) Benzoic acid	8.043	122	162189m	19.921	ng		
33) 4-Chloroaniline	8.366	127	376000	22.565	ng		95
34) Hexachlorobutadiene	8.431	225	178922	21.863	ng		99
35) Caprolactam	8.731	113	85731m	22.407	ng		
36) 4-Chloro-3-methylphenol	8.848	107	285824	21.944	ng		95
37) 2-Methylnaphthalene	9.013	142	594047	22.418	ng		100
38) 1-Methylnaphthalene	9.113	142	556506	22.472	ng		99
40) 1,2,4,5-Tetrachloroben...	9.178	216	297065	22.311	ng		99
41) Hexachlorocyclopentadiene	9.160	237	155263	21.499	ng		99
43) 2,4,6-Trichlorophenol	9.290	196	201922	22.377	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.337	196	237779	22.578	ng	95
46) 1,1'-Biphenyl	9.478	154	695428	22.577	ng	99
47) 2-Chloronaphthalene	9.501	162	555480	22.745	ng	98
48) 2-Nitroaniline	9.595	65	197968	22.010	ng	99
49) Acenaphthylene	9.919	152	879286	22.623	ng	99
50) Dimethylphthalate	9.772	163	655505	22.121	ng	99
51) 2,6-Dinitrotoluene	9.837	165	152497	22.597	ng	96
52) Acenaphthene	10.095	154	556912	22.922	ng	100
53) 3-Nitroaniline	10.007	138	169482	22.451	ng	95
54) 2,4-Dinitrophenol	10.113	184	74626	18.989	ng	95
55) Dibenzofuran	10.266	168	821551	22.833	ng	99
56) 4-Nitrophenol	10.178	139	126836	22.530	ng	96
57) 2,4-Dinitrotoluene	10.242	165	201815	22.479	ng	95
58) Fluorene	10.613	166	616447	22.399	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.384	232	176815	22.601	ng	99
60) Diethylphthalate	10.472	149	648159	22.396	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	329697	23.093	ng	94
62) 4-Nitroaniline	10.625	138	165027	22.389	ng	95
63) Azobenzene	10.760	77	687076	22.417	ng	97
65) 4,6-Dinitro-2-methylph...	10.654	198	119310	22.348	ng	95
66) n-Nitrosodiphenylamine	10.719	169	548578	22.312	ng	100
67) 4-Bromophenyl-phenylether	11.095	248	197846	22.178	ng	95
68) Hexachlorobenzene	11.160	284	206853	22.036	ng	94
69) Atrazine	11.242	200	170502	22.213	ng	98
70) Pentachlorophenol	11.360	266	115458m	20.979	ng	
71) Phenanthrene	11.583	178	925906	22.663	ng	98
72) Anthracene	11.631	178	953312	22.659	ng	99
73) Carbazole	11.789	167	860023	22.672	ng	99
74) Di-n-butylphthalate	12.107	149	1012005	22.744	ng	99
75) Fluoranthene	12.778	202	1016502	22.759	ng	99
77) Benzidine	12.895	184	260063	19.324	ng	99
78) Pyrene	13.007	202	1041847	20.727	ng	99
80) Butylbenzylphthalate	13.619	149	425731	21.463	ng	97
81) Benzo(a)anthracene	14.201	228	889954	21.514	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	264007	21.648	ng	100
83) Chrysene	14.242	228	832119	21.511	ng	99
84) Bis(2-ethylhexyl)phtha...	14.172	149	528274	21.680	ng	99
85) Di-n-octyl phthalate	14.801	149	754315	21.184	ng	100
87) Indeno(1,2,3-cd)pyrene	17.371	276	606630	20.935	ng	99
88) Benzo(b)fluoranthene	15.301	252	678920	22.909	ng	99
89) Benzo(k)fluoranthene	15.336	252	634655	21.882	ng	99
90) Benzo(a)pyrene	15.701	252	602383	21.718	ng	99
91) Dibenzo(a,h)anthracene	17.389	278	498834	21.129	ng	100
92) Benzo(g,h,i)perylene	17.865	276	514918	20.264	ng	99

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

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