Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132407.D
Acq On : 13 Feb 2023 13:27
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 14 00:12:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 00:06:43 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	91134	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	495035	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	246609	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	461531	20.000	ng	0.00
76) Chrysene-d12	14.242	240	233579	20.000	ng	0.00
86) Perylene-d12	15.807	264	316093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	539749	95.199	ng	0.00
7) Phenol-d6	6.655	99	510559	73.042	ng	0.00
23) Nitrobenzene-d5	7.602	82	453128	50.936	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	264886	104.449	ng	0.00
45) 2-Fluorobiphenyl	9.396	172	1327413	83.122	ng	0.00
79) Terphenyl-d14	13.172	244	1496123	123.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.908	88	168442	63.140	ng	100
3) Pyridine	3.684	79	316048	43.669	ng	100
4) n-Nitrosodimethylamine	3.643	42	104140	44.969	ng	100
6) Aniline	6.702	93	286939	30.251	ng	100
8) 2-Chlorophenol	6.819	128	238845	40.674	ng	100
9) Benzaldehyde	6.584	77	84277	19.755	ng	100
10) Phenol	6.666	94	255997	35.384	ng	100
11) bis(2-Chloroethyl)ether	6.766	93	241680	40.589	ng	100
12) 1,3-Dichlorobenzene	6.978	146	260850	42.000	ng	100
13) 1,4-Dichlorobenzene	7.055	146	260127	41.960	ng	100
14) 1,2-Dichlorobenzene	7.207	146	244599	42.307	ng	100
15) Benzyl Alcohol	7.172	79	158033	30.985	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.302	45	178945	28.525	ng	100
17) 2-Methylphenol	7.278	107	197741	38.470	ng	100
18) Hexachloroethane	7.549	117	100669	43.286	ng	100
19) n-Nitroso-di-n-propyla...	7.443	70	130286	32.814	ng	100
20) 3+4-Methylphenols	7.431	107	251766	38.375	ng	100
22) Acetophenone	7.443	105	311969	26.797	ng	100
24) Nitrobenzene	7.619	77	222269	24.457	ng	100
25) Isophorone	7.855	82	531805	31.497	ng	100
26) 2-Nitrophenol	7.931	139	171516	38.745	ng	100
27) 2,4-Dimethylphenol	7.960	122	286088m	36.922	ng	
28) bis(2-Chloroethoxy)met...	8.060	93	375844	36.222	ng	100
29) 2,4-Dichlorophenol	8.172	162	298068	43.328	ng	100
30) 1,2,4-Trichlorobenzene	8.260	180	329436	44.719	ng	100
31) Naphthalene	8.343	128	1013295	41.585	ng	100
32) Benzoic acid	8.066	122	171837	29.960	ng	100
33) 4-Chloroaniline	8.390	127	406079m	37.582	ng	
34) Hexachlorobutadiene	8.454	225	201687	48.700	ng	100
35) Caprolactam	8.760	113	90064	38.403	ng	100
36) 4-Chloro-3-methylphenol	8.860	107	307733	41.522	ng	100
37) 2-Methylnaphthalene	9.037	142	695227	42.121	ng	100
38) 1-Methylnaphthalene	9.137	142	646263	42.133	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	319951	46.103	ng	100
41) Hexachlorocyclopentadiene	9.190	237	204775	50.575	ng	100
43) 2,4,6-Trichlorophenol	9.307	196	220055	44.359	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.354	196	252570	44.234	ng	100
46)	1,1'-Biphenyl	9.501	154	801299	42.147	ng	100
47)	2-Chloronaphthalene	9.531	162	617942	42.674	ng	100
48)	2-Nitroaniline	9.619	65	150906	35.041	ng	100
49)	Acenaphthylene	9.948	152	983455	41.613	ng	100
50)	Dimethylphthalate	9.796	163	743071	43.075	ng	100
51)	2,6-Dinitrotoluene	9.860	165	168490	43.733	ng	100
52)	Acenaphthene	10.119	154	634976	42.916	ng	100
53)	3-Nitroaniline	10.037	138	189446	40.548	ng	100
54)	2,4-Dinitrophenol	10.137	184	94931	47.774	ng	100
55)	Dibenzofuran	10.290	168	873809	42.033	ng	100
56)	4-Nitrophenol	10.184	139	144549	41.114	ng	100
57)	2,4-Dinitrotoluene	10.266	165	224573	44.873	ng	100
58)	Fluorene	10.637	166	676219	42.266	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.407	232	191205	45.934	ng	100
60)	Diethylphthalate	10.501	149	751284	43.779	ng	100
61)	4-Chlorophenyl-phenyle...	10.625	204	342744	45.140	ng	100
62)	4-Nitroaniline	10.654	138	171212	38.214	ng	100
63)	Azobenzene	10.784	77	589553	35.269	ng	100
65)	4,6-Dinitro-2-methylph...	10.678	198	125079	47.750	ng	100
66)	n-Nitrosodiphenylamine	10.743	169	599574	41.487	ng	100
67)	4-Bromophenyl-phenylether	11.119	248	218150	46.159	ng	100
68)	Hexachlorobenzene	11.184	284	238294	47.174	ng	100
69)	Atrazine	11.266	200	176811	42.534	ng	100
70)	Pentachlorophenol	11.378	266	151525	43.658	ng	100
71)	Phenanthrene	11.607	178	997506	41.360	ng	100
72)	Anthracene	11.660	178	1029563	41.947	ng	100
73)	Carbazole	11.813	167	868284	39.454	ng	100
74)	Di-n-butylphthalate	12.131	149	1146506	44.066	ng	100
75)	Fluoranthene	12.801	202	1057251	42.958	ng	100
77)	Benzidine	12.925	184	200171	24.512	ng	100
78)	Pyrene	13.037	202	1064899	56.683	ng	100
80)	Butylbenzylphthalate	13.642	149	432175	52.067	ng	100
81)	Benzo(a)anthracene	14.231	228	696116	42.610	ng	100
82)	3,3'-Dichlorobenzidine	14.189	252	192817	37.056	ng	100
83)	Chrysene	14.272	228	649737	42.473	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.201	149	479175	42.710	ng	100
85)	Di-n-octyl phthalate	14.831	149	899124	49.134	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.424	276	941023	44.804	ng	100
88)	Benzo(b)fluoranthene	15.336	252	873469	43.473	ng	100
89)	Benzo(k)fluoranthene	15.372	252	828500	43.199	ng	100
90)	Benzo(a)pyrene	15.742	252	803069	42.922	ng	100
91)	Dibenzo(a,h)anthracene	17.448	278	785973	46.545	ng	100
92)	Benzo(g,h,i)perylene	17.924	276	778342	44.616	ng	100

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

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