Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
Data File : BF132200.D
Acq On : 27 Jan 2023 14:58
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 01:42:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 01:38:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	230830	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	817093	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	415172	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	754826	20.000	ng	0.00
76) Chrysene-d12	14.295	240	400850	20.000	ng	0.00
86) Perylene-d12	15.883	264	370528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1153069	83.113	ng	0.00
7) Phenol-d6	6.695	99	1446370	83.146	ng	0.00
23) Nitrobenzene-d5	7.648	82	1300621	83.333	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	321058	83.512	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	2090319	74.084	ng	0.00
79) Terphenyl-d14	13.224	244	2112884	82.814	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	295161	42.270	ng	100
3) Pyridine	3.778	79	805735	42.013	ng	100
4) n-Nitrosodimethylamine	3.743	42	273227	42.568	ng	100
6) Aniline	6.748	93	1023007	42.269	ng	100
8) 2-Chlorophenol	6.866	128	588832	42.329	ng	100
9) Benzaldehyde	6.637	77	424828	37.641	ng	100
10) Phenol	6.707	94	757362	41.822	ng	100
11) bis(2-Chloroethyl)ether	6.813	93	642988	41.161	ng	100
12) 1,3-Dichlorobenzene	7.025	146	638686	41.299	ng	100
13) 1,4-Dichlorobenzene	7.101	146	642927	41.702	ng	100
14) 1,2-Dichlorobenzene	7.254	146	592475	41.368	ng	100
15) Benzyl Alcohol	7.219	79	552231	43.231	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.348	45	744278	41.956	ng	100
17) 2-Methylphenol	7.319	107	528797	41.808	ng	100
18) Hexachloroethane	7.595	117	239956	42.357	ng	100
19) n-Nitroso-di-n-propyla...	7.489	70	427801	40.859	ng	100
20) 3+4-Methylphenols	7.478	107	666709	41.941	ng	100
22) Acetophenone	7.489	105	801001	40.094	ng	100
24) Nitrobenzene	7.666	77	672376	41.669	ng	100
25) Isophorone	7.901	82	1229711	40.969	ng	100
26) 2-Nitrophenol	7.978	139	258130	43.364	ng	100
27) 2,4-Dimethylphenol	8.007	122	519975	41.426	ng	100
28) bis(2-Chloroethoxy)met...	8.107	93	748591	40.509	ng	100
29) 2,4-Dichlorophenol	8.219	162	491732	41.956	ng	100
30) 1,2,4-Trichlorobenzene	8.307	180	552200	41.013	ng	100
31) Naphthalene	8.395	128	1627617	40.259	ng	100
32) Benzoic acid	8.119	122	296006m	39.971	ng	
33) 4-Chloroaniline	8.436	127	719935	41.077	ng	100
34) Hexachlorobutadiene	8.507	225	347172	41.278	ng	100
35) Caprolactam	8.813	113	144841	43.647	ng	100
36) 4-Chloro-3-methylphenol	8.907	107	502810	41.895	ng	100
37) 2-Methylnaphthalene	9.083	142	1124238	40.529	ng	100
38) 1-Methylnaphthalene	9.183	142	1038251	40.349	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	563662	40.455	ng	100
41) Hexachlorocyclopentadiene	9.236	237	304773	43.065	ng	100
43) 2,4,6-Trichlorophenol	9.354	196	364070	42.824	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.395	196	420895	42.275	ng	100
46)	1,1'-Biphenyl	9.548	154	1278975	39.974	ng	100
47)	2-Chloronaphthalene	9.578	162	994403	40.044	ng	100
48)	2-Nitroaniline	9.666	65	295305	44.279	ng	100
49)	Acenaphthylene	9.995	152	1558609	40.396	ng	100
50)	Dimethylphthalate	9.848	163	1140812	40.488	ng	100
51)	2,6-Dinitrotoluene	9.907	165	257741	43.058	ng	100
52)	Acenaphthene	10.172	154	957777	40.374	ng	100
53)	3-Nitroaniline	10.083	138	281570	42.510	ng	100
54)	2,4-Dinitrophenol	10.183	184	107105	41.764	ng	100
55)	Dibenzofuran	10.342	168	1417885	39.896	ng	100
56)	4-Nitrophenol	10.225	139	203173	42.455	ng	100
57)	2,4-Dinitrotoluene	10.313	165	320417	43.480	ng	100
58)	Fluorene	10.689	166	1080218	39.793	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.454	232	306286	43.297	ng	100
60)	Diethylphthalate	10.548	149	1134706	41.313	ng	100
61)	4-Chlorophenyl-phenyle...	10.672	204	574769	40.138	ng	100
62)	4-Nitroaniline	10.701	138	261337	42.050	ng	100
63)	Azobenzene	10.836	77	1165589	40.213	ng	100
65)	4,6-Dinitro-2-methylph...	10.725	198	146544	41.104	ng	100
66)	n-Nitrosodiphenylamine	10.795	169	947798	39.986	ng	100
67)	4-Bromophenyl-phenylether	11.172	248	352479	40.563	ng	100
68)	Hexachlorobenzene	11.236	284	342119	39.733	ng	100
69)	Atrazine	11.319	200	291228	42.807	ng	100
70)	Pentachlorophenol	11.424	266	239821	42.198	ng	100
71)	Phenanthrene	11.660	178	1522640	39.653	ng	100
72)	Anthracene	11.713	178	1561065	39.923	ng	100
73)	Carbazole	11.860	167	1369220	40.761	ng	100
74)	Di-n-butylphthalate	12.183	149	1620812	42.412	ng	100
75)	Fluoranthene	12.854	202	1592044	40.747	ng	100
77)	Benzidine	12.971	184	469094	44.834	ng	100
78)	Pyrene	13.089	202	1588380	42.292	ng	100
80)	Butylbenzylphthalate	13.695	149	530494	46.552	ng	100
81)	Benzo(a)anthracene	14.283	228	1162621	41.251	ng	100
82)	3,3'-Dichlorobenzidine	14.242	252	343173	44.932	ng	100
83)	Chrysene	14.324	228	1083563	41.255	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.254	149	697127	45.869	ng	100
85)	Di-n-octyl phthalate	14.895	149	941851	43.112	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.548	276	1063991	43.432	ng	100
88)	Benzo(b)fluoranthene	15.407	252	974360	42.816	ng	100
89)	Benzo(k)fluoranthene	15.442	252	933892	39.771	ng	100
90)	Benzo(a)pyrene	15.818	252	924609	43.051	ng	100
91)	Dibenzo(a,h)anthracene	17.565	278	881039	43.987	ng	100
92)	Benzo(g,h,i)perylene	18.053	276	877330	42.961	ng	100

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

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