Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
Data File : BF132096.D
Acq On : 17 Jan 2023 15:12
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 18 00:09:46 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 :
SSTDICCC040

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	222371	20.000	ng	0.00
21) Naphthalene-d8	8.386	136	787378	20.000	ng	0.00
39) Acenaphthene-d10	10.157	164	417709	20.000	ng	0.00
64) Phenanthrene-d10	11.657	188	810479	20.000	ng	0.00
76) Chrysene-d12	14.321	240	420775	20.000	ng	0.00
86) Perylene-d12	15.921	264	353643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.722	112	974434	78.410	ng	0.00
7) Phenol-d6	6.716	99	1268017	79.102	ng	0.00
23) Nitrobenzene-d5	7.669	82	1186247	84.234	ng	0.00
42) 2,4,6-Tribromophenol	10.951	330	343414	81.220	ng	0.00
45) 2-Fluorobiphenyl	9.469	172	1879284	73.205	ng	0.00
79) Terphenyl-d14	13.251	244	1994637	79.909	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.081	88	265975	40.858	ng	100
3) Pyridine	3.822	79	727838	40.894	ng	100
4) n-Nitrosodimethylamine	3.793	42	364793	41.975	ng	100
6) Aniline	6.769	93	926521	40.436	ng	100
8) 2-Chlorophenol	6.887	128	517848	39.789	ng	100
9) Benzaldehyde	6.657	77	433744	41.416	ng	100
10) Phenol	6.728	94	651771	39.225	ng	100
11) bis(2-Chloroethyl)ether	6.834	93	565288	39.441	ng	100
12) 1,3-Dichlorobenzene	7.045	146	578000	39.703	ng	100
13) 1,4-Dichlorobenzene	7.122	146	572362	39.712	ng	100
14) 1,2-Dichlorobenzene	7.275	146	509050	38.421	ng	100
15) Benzyl Alcohol	7.234	79	536285	42.848	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.369	45	878799	40.150	ng	100
17) 2-Methylphenol	7.334	107	478932	40.183	ng	100
18) Hexachloroethane	7.616	117	213566	41.199	ng	100
19) n-Nitroso-di-n-propyla...	7.516	70	393159	38.507	ng	100
20) 3+4-Methylphenols	7.492	107	592043	40.509	ng	100
22) Acetophenone	7.510	105	687937	37.769	ng	100
24) Nitrobenzene	7.686	77	623636	41.687	ng	100
25) Isophorone	7.922	82	1191405	39.720	ng	100
26) 2-Nitrophenol	7.998	139	238095	43.386	ng	100
27) 2,4-Dimethylphenol	8.028	122	481916	39.493	ng	100
28) bis(2-Chloroethoxy)met...	8.128	93	664911	38.754	ng	100
29) 2,4-Dichlorophenol	8.239	162	466275	40.837	ng	100
30) 1,2,4-Trichlorobenzene	8.328	180	504474	39.676	ng	100
31) Naphthalene	8.410	128	1495198	38.579	ng	100
32) Benzoic acid	8.139	122	316761m	41.491	ng	
33) 4-Chloroaniline	8.451	127	669935	39.696	ng	100
34) Hexachlorobutadiene	8.522	225	332801	40.098	ng	100
35) Caprolactam	8.839	113	157091	42.446	ng	100
36) 4-Chloro-3-methylphenol	8.922	107	493608	41.039	ng	100
37) 2-Methylnaphthalene	9.104	142	1024480	38.432	ng	100
38) 1-Methylnaphthalene	9.204	142	962486	38.442	ng	100
40) 1,2,4,5-Tetrachloroben...	9.269	216	518690	39.225	ng	100
41) Hexachlorocyclopentadiene	9.257	237	295909	45.197	ng	100
43) 2,4,6-Trichlorophenol	9.375	196	361983	41.826	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.410	196	422939	42.256	ng	100
46)	1,1'-Biphenyl	9.569	154	1197242	38.627	ng	100
47)	2-Chloronaphthalene	9.598	162	933855	38.806	ng	100
48)	2-Nitroaniline	9.686	65	328930	45.672	ng	100
49)	Acenaphthylene	10.022	152	1533276	39.129	ng	100
50)	Dimethylphthalate	9.869	163	1174779	39.230	ng	100
51)	2,6-Dinitrotoluene	9.933	165	252025	43.788	ng	100
52)	Acenaphthene	10.192	154	899738	38.446	ng	100
53)	3-Nitroaniline	10.104	138	270835	42.953	ng	100
54)	2,4-Dinitrophenol	10.204	184	99883	40.320	ng	100
55)	Dibenzofuran	10.363	168	1391208	38.375	ng	100
56)	4-Nitrophenol	10.245	139	205403	43.451	ng	100
57)	2,4-Dinitrotoluene	10.339	165	315573	44.997	ng	100
58)	Fluorene	10.710	166	1010118	37.632	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.475	232	327003	41.602	ng	100
60)	Diethylphthalate	10.575	149	1185758	39.619	ng	100
61)	4-Chlorophenyl-phenyle...	10.698	204	540506	37.908	ng	100
62)	4-Nitroaniline	10.727	138	246538	41.940	ng	100
63)	Azobenzene	10.857	77	1166625	38.774	ng	100
65)	4,6-Dinitro-2-methylph...	10.745	198	150884	42.878	ng	100
66)	n-Nitrosodiphenylamine	10.816	169	944274	38.881	ng	100
67)	4-Bromophenyl-phenylether	11.192	248	353666	38.988	ng	100
68)	Hexachlorobenzene	11.257	284	357093	39.563	ng	100
69)	Atrazine	11.339	200	323461	40.758	ng	100
70)	Pentachlorophenol	11.451	266	267063	43.503	ng	100
71)	Phenanthrene	11.680	178	1531939	38.019	ng	100
72)	Anthracene	11.733	178	1550012	37.971	ng	100
73)	Carbazole	11.886	167	1369540	37.956	ng	100
74)	Di-n-butylphthalate	12.210	149	1691518	39.442	ng	100
75)	Fluoranthene	12.880	202	1660323	38.247	ng	100
77)	Benzidine	12.998	184	506079	45.815	ng	100
78)	Pyrene	13.116	202	1653801	41.768	ng	100
80)	Butylbenzylphthalate	13.727	149	597694	45.831	ng	100
81)	Benzo(a)anthracene	14.310	228	1185084	40.037	ng	100
82)	3,3'-Dichlorobenzidine	14.268	252	335286	43.229	ng	100
83)	Chrysene	14.351	228	1090533	39.168	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.286	149	791702	44.272	ng	100
85)	Di-n-octyl phthalate	14.927	149	1057566	41.980	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.592	276	919504	45.747	ng	100
88)	Benzo(b)fluoranthene	15.439	252	937107	41.802	ng	100
89)	Benzo(k)fluoranthene	15.474	252	878356	38.799	ng	100
90)	Benzo(a)pyrene	15.851	252	845923	41.697	ng	100
91)	Dibenzo(a,h)anthracene	17.615	278	733693	45.476	ng	100
92)	Benzo(g,h,i)perylene	18.103	276	768870	45.986	ng	100

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

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