Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136027.D
Acq On : 30 Oct 2023 14:04
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 30 18:40:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 17:15:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	167767	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	650370	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	331255	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	600777	20.000	ng	0.00
76) Chrysene-d12	14.015	240	346443	20.000	ng	0.00
86) Perylene-d12	15.498	264	304729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	836260	78.329	ng	0.00
7) Phenol-d6	6.457	99	1050176	78.949	ng	0.00
23) Nitrobenzene-d5	7.392	82	883634	81.904	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	293602	83.038	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1626559	78.275	ng	0.00
79) Terphenyl-d14	12.957	244	1891466	84.845	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	184794	39.750	ng	100
3) Pyridine	3.340	79	501878	39.551	ng	100
4) n-Nitrosodimethylamine	3.304	42	210840	39.740	ng	100
6) Aniline	6.492	93	677278	39.327	ng	100
8) 2-Chlorophenol	6.610	128	453788	39.757	ng	100
9) Benzaldehyde	6.381	77	288952	38.957	ng	100
10) Phenol	6.475	94	551221m	40.062	ng	
11) bis(2-Chloroethyl)ether	6.569	93	422931	39.266	ng	100
12) 1,3-Dichlorobenzene	6.769	146	462892	38.965	ng	100
13) 1,4-Dichlorobenzene	6.845	146	469002	39.394	ng	100
14) 1,2-Dichlorobenzene	6.998	146	438693	39.407	ng	100
15) Benzyl Alcohol	6.969	79	376642	39.933	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	585998	39.526	ng	100
17) 2-Methylphenol	7.075	107	381162	39.364	ng	100
18) Hexachloroethane	7.333	117	166012	39.673	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	294571	38.757	ng	100
20) 3+4-Methylphenols	7.233	107	465982	39.465	ng	100
22) Acetophenone	7.239	105	574707	39.851	ng	100
24) Nitrobenzene	7.410	77	446459	40.911	ng	100
25) Isophorone	7.645	82	809173	39.728	ng	100
26) 2-Nitrophenol	7.722	139	216518	43.486	ng	100
27) 2,4-Dimethylphenol	7.757	122	383086	40.716	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	501114	40.155	ng	100
29) 2,4-Dichlorophenol	7.963	162	363992	41.037	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	389683	40.273	ng	100
31) Naphthalene	8.128	128	1256785	40.073	ng	100
32) Benzoic acid	7.875	122	291147m	39.190	ng	
33) 4-Chloroaniline	8.175	127	552186	40.204	ng	100
34) Hexachlorobutadiene	8.245	225	224903	40.530	ng	100
35) Caprolactam	8.557	113	118817	41.197	ng	100
36) 4-Chloro-3-methylphenol	8.657	107	378663	40.664	ng	100
37) 2-Methylnaphthalene	8.822	142	847230	40.289	ng	100
38) 1-Methylnaphthalene	8.922	142	791376	40.439	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	382154	40.452	ng	100
41) Hexachlorocyclopentadiene	8.975	237	212506	42.105	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	255381	41.460	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	291149	40.804	ng	100
46) 1,1'-Biphenyl	9.286	154	1018473	40.332	ng	100
47) 2-Chloronaphthalene	9.310	162	752928	40.446	ng	100
48) 2-Nitroaniline	9.404	65	237049	43.027	ng	100
49) Acenaphthylene	9.727	152	1177596	40.549	ng	100
50) Dimethylphthalate	9.592	163	880957	40.318	ng	100
51) 2,6-Dinitrotoluene	9.651	165	198943	42.570	ng	100
52) Acenaphthene	9.898	154	749464m	40.729	ng	
53) 3-Nitroaniline	9.822	138	228121	41.835	ng	100
54) 2,4-Dinitrophenol	9.922	184	85680	38.432	ng	100
55) Dibenzofuran	10.074	168	1088147	40.421	ng	100
56) 4-Nitrophenol	9.974	139	174891	42.878	ng	100
57) 2,4-Dinitrotoluene	10.051	165	255522	43.215	ng	100
58) Fluorene	10.416	166	804374	39.908	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	232866	41.050	ng	100
60) Diethylphthalate	10.292	149	854780	40.943	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	399129	39.670	ng	100
62) 4-Nitroaniline	10.433	138	224050	42.671	ng	100
63) Azobenzene	10.569	77	815479	40.559	ng	100
65) 4,6-Dinitro-2-methylph...	10.463	198	130890	40.319	ng	100
66) n-Nitrosodiphenylamine	10.527	169	749180	41.338	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	264798	42.040	ng	100
68) Hexachlorobenzene	10.963	284	282073	41.931	ng	100
69) Atrazine	11.063	200	198288	40.213	ng	100
70) Pentachlorophenol	11.157	266	187390	43.374	ng	100
71) Phenanthrene	11.380	178	1246957	41.223	ng	100
72) Anthracene	11.433	178	1275978	41.165	ng	100
73) Carbazole	11.592	167	1125468	41.784	ng	100
74) Di-n-butylphthalate	11.933	149	1279387	41.568	ng	100
75) Fluoranthene	12.574	202	1296204	41.712	ng	100
77) Benzidine	12.698	184	323756	47.946	ng	100
78) Pyrene	12.804	202	1312096	42.957	ng	100
80) Butylbenzylphthalate	13.439	149	468431	42.844	ng	100
81) Benzo(a)anthracene	14.004	228	962274	41.956	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	313664	42.848	ng	100
83) Chrysene	14.039	228	942802	41.740	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	543376	42.658	ng	100
85) Di-n-octyl phthalate	14.627	149	799742	41.910	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	879991	44.186	ng	100
88) Benzo(b)fluoranthene	15.062	252	712195	39.498	ng	100
89) Benzo(k)fluoranthene	15.092	252	716616	40.167	ng	100
90) Benzo(a)pyrene	15.433	252	681654	40.686	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	721674	44.237	ng	100
92) Benzo(g,h,i)perylene	17.474	276	752569	40.970	ng	100

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

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