Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090823\
Data File : BF135152.D
Acq On : 08 Sep 2023 18:02
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 02:28:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 02:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	124584	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	498162	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	259915	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	474655	20.000	ng	0.00
76) Chrysene-d12	13.945	240	239040	20.000	ng	0.00
86) Perylene-d12	15.404	264	227658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	588617	73.116	ng	0.00
7) Phenol-d6	6.410	99	742743	73.320	ng	0.00
23) Nitrobenzene-d5	7.334	82	667473	72.934	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	214001	73.217	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1184207	71.544	ng	0.00
79) Terphenyl-d14	12.892	244	1154252	74.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	123704	37.085	ng	100
3) Pyridine	3.222	79	324733	36.709	ng	100
4) n-Nitrosodimethylamine	3.193	42	165254	37.313	ng	100
6) Aniline	6.434	93	454965	36.564	ng	100
8) 2-Chlorophenol	6.551	128	303350	36.509	ng	100
9) Benzaldehyde	6.322	77	202459	35.642	ng	100
10) Phenol	6.422	94	386370	36.454	ng	100
11) bis(2-Chloroethyl)ether	6.510	93	285894	36.425	ng	100
12) 1,3-Dichlorobenzene	6.704	146	307415	36.205	ng	100
13) 1,4-Dichlorobenzene	6.787	146	310833	36.444	ng	100
14) 1,2-Dichlorobenzene	6.934	146	290318	36.363	ng	100
15) Benzyl Alcohol	6.916	79	266837	37.127	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.045	45	465934	36.552	ng	100
17) 2-Methylphenol	7.028	107	270313	36.894	ng	100
18) Hexachloroethane	7.275	117	117554	37.603	ng	100
19) n-Nitroso-di-n-propyla...	7.187	70	218243	35.723	ng	100
20) 3+4-Methylphenols	7.181	107	318241	36.048	ng	100
22) Acetophenone	7.181	105	412170	35.870	ng	100
24) Nitrobenzene	7.351	77	338604	36.429	ng	100
25) Isophorone	7.592	82	620717	36.315	ng	100
26) 2-Nitrophenol	7.663	139	170674	37.618	ng	100
27) 2,4-Dimethylphenol	7.704	122	263372	36.745	ng	100
28) bis(2-Chloroethoxy)met...	7.804	93	365370	36.566	ng	100
29) 2,4-Dichlorophenol	7.904	162	255544	36.554	ng	100
30) 1,2,4-Trichlorobenzene	7.987	180	274778	36.047	ng	100
31) Naphthalene	8.069	128	884976	35.866	ng	100
32) Benzoic acid	7.840	122	210954m	38.162	ng	
33) 4-Chloroaniline	8.122	127	390934	36.372	ng	100
34) Hexachlorobutadiene	8.181	225	160680	36.626	ng	100
35) Caprolactam	8.504	113	82258	36.363	ng	100
36) 4-Chloro-3-methylphenol	8.604	107	287766	36.656	ng	100
37) 2-Methylnaphthalene	8.757	142	608697	36.361	ng	100
38) 1-Methylnaphthalene	8.857	142	556154	35.868	ng	100
40) 1,2,4,5-Tetrachloroben...	8.928	216	270428	36.678	ng	100
41) Hexachlorocyclopentadiene	8.910	237	102856	36.675	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	178208	36.426	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	205818	36.362	ng	100
46) 1,1'-Biphenyl	9.228	154	732988	36.351	ng	100
47) 2-Chloronaphthalene	9.251	162	545910	36.468	ng	100
48) 2-Nitroaniline	9.351	65	194782	36.832	ng	100
49) Acenaphthylene	9.663	152	843392	36.451	ng	100
50) Dimethylphthalate	9.534	163	679556	36.482	ng	100
51) 2,6-Dinitrotoluene	9.598	165	149559	36.667	ng	100
52) Acenaphthene	9.839	154	524154	36.094	ng	100
53) 3-Nitroaniline	9.769	138	169519	36.890	ng	100
54) 2,4-Dinitrophenol	9.875	184	73025	38.364	ng	100
55) Dibenzofuran	10.010	168	761463	36.089	ng	100
56) 4-Nitrophenol	9.928	139	115200	37.748	ng	100
57) 2,4-Dinitrotoluene	10.004	165	187784	36.741	ng	100
58) Fluorene	10.357	166	591885	35.750	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	160323	36.622	ng	100
60) Diethylphthalate	10.233	149	636419	36.397	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	291319	35.783	ng	100
62) 4-Nitroaniline	10.381	138	166177	36.996	ng	100
63) Azobenzene	10.510	77	630021	36.292	ng	100
65) 4,6-Dinitro-2-methylph...	10.416	198	110374	39.440	ng	100
66) n-Nitrosodiphenylamine	10.469	169	535058	36.069	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	183848	36.459	ng	100
68) Hexachlorobenzene	10.904	284	196382	36.346	ng	100
69) Atrazine	10.998	200	108991	30.603	ng	100
70) Pentachlorophenol	11.098	266	108715	37.075	ng	100
71) Phenanthrene	11.322	178	887384	35.788	ng	100
72) Anthracene	11.375	178	910491	35.970	ng	100
73) Carbazole	11.533	167	784790	36.470	ng	100
74) Di-n-butylphthalate	11.863	149	940189	36.669	ng	100
75) Fluoranthene	12.510	202	879819	35.922	ng	100
77) Benzidine	12.639	184	164862	34.030	ng	100
78) Pyrene	12.745	202	880746	38.012	ng	100
80) Butylbenzylphthalate	13.369	149	305672	37.758	ng	100
81) Benzo(a)anthracene	13.939	228	595817	36.771	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	187264	37.864	ng	100
83) Chrysene	13.974	228	579694	36.639	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	324519	37.970	ng	100
85) Di-n-octyl phthalate	14.551	149	509769	38.855	ng	100
87) Indeno(1,2,3-cd)pyrene	16.880	276	635771	38.441	ng	100
88) Benzo(b)fluoranthene	14.980	252	495984	35.836	ng	100
89) Benzo(k)fluoranthene	15.016	252	472030	35.122	ng	100
90) Benzo(a)pyrene	15.345	252	473694	36.599	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	514986	38.144	ng	100
92) Benzo(g,h,i)perylene	17.327	276	532025	38.195	ng	100

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

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