Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
Data File : BF136114.D
Acq On : 03 Nov 2023 09:59
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 00:04:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	113409	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	437244	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	222223	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	392433	20.000	ng		0.00
76) Chrysene-d12	14.010	240	193323	20.000	ng		0.00
86) Perylene-d12	15.498	264	191260	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	558358	77.367	ng		0.00
7) Phenol-d6	6.457	99	696244	77.429	ng		0.00
23) Nitrobenzene-d5	7.386	82	627199	86.471	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	196703	82.929	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1163186	83.440	ng		0.00
79) Terphenyl-d14	12.951	244	1143435	91.915	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	120615	38.380	ng		98
3) Pyridine	3.328	79	322073	37.547	ng		99
4) n-Nitrosodimethylamine	3.298	42	144496	40.289	ng		87
6) Aniline	6.486	93	451366	38.771	ng		99
8) 2-Chlorophenol	6.610	128	305390	39.579	ng		95
9) Benzaldehyde	6.375	77	195373	38.965	ng		97
10) Phenol	6.469	94	359103m	38.611	ng		
11) bis(2-Chloroethyl)ether	6.563	93	277307	38.086	ng		96
12) 1,3-Dichlorobenzene	6.763	146	311411	38.778	ng		97
13) 1,4-Dichlorobenzene	6.839	146	318222	39.541	ng		98
14) 1,2-Dichlorobenzene	6.992	146	291428	38.726	ng		97
15) Benzyl Alcohol	6.963	79	261822	41.065	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.104	45	373278	37.246	ng		99
17) 2-Methylphenol	7.075	107	254658	38.905	ng		97
18) Hexachloroethane	7.333	117	115071	40.680	ng		96
19) n-Nitroso-di-n-propyla...	7.239	70	196407	38.228	ng		97
20) 3+4-Methylphenols	7.228	107	311523	39.030	ng		92
22) Acetophenone	7.233	105	391489	40.378	ng	#	92
24) Nitrobenzene	7.404	77	307884	41.964	ng		92
25) Isophorone	7.645	82	553331	40.409	ng		98
26) 2-Nitrophenol	7.716	139	153065	45.726	ng		92
27) 2,4-Dimethylphenol	7.757	122	252640	39.940	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	331974	39.568	ng		99
29) 2,4-Dichlorophenol	7.957	162	248625	41.693	ng		96
30) 1,2,4-Trichlorobenzene	8.045	180	264143	40.605	ng		99
31) Naphthalene	8.128	128	860950	40.833	ng		99
32) Benzoic acid	7.869	122	195077m	39.510	ng		
33) 4-Chloroaniline	8.175	127	370872	40.165	ng		99
34) Hexachlorobutadiene	8.239	225	158893	42.591	ng		98
35) Caprolactam	8.551	113	79031	40.759	ng		92
36) 4-Chloro-3-methylphenol	8.651	107	262557	41.939	ng		93
37) 2-Methylnaphthalene	8.816	142	572690	40.508	ng		99
38) 1-Methylnaphthalene	8.916	142	540246	41.062	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	264007	41.657	ng		99
41) Hexachlorocyclopentadiene	8.969	237	141359	41.750	ng		97
43) 2,4,6-Trichlorophenol	9.092	196	169789	41.089	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	201536	42.104	ng		99
46) 1,1'-Biphenyl	9.286	154	699262	41.278	ng		98
47) 2-Chloronaphthalene	9.310	162	516217	41.336	ng		99
48) 2-Nitroaniline	9.404	65	165918	44.892	ng		99
49) Acenaphthylene	9.722	152	811847	41.671	ng		100
50) Dimethylphthalate	9.586	163	609804	41.602	ng		100
51) 2,6-Dinitrotoluene	9.651	165	138396	44.144	ng		92
52) Acenaphthene	9.898	154	502623m	40.583	ng		
53) 3-Nitroaniline	9.816	138	153366	41.925	ng		90
54) 2,4-Dinitrophenol	9.916	184	61411	40.516	ng	#	83
55) Dibenzofuran	10.069	168	741115	41.038	ng		95
56) 4-Nitrophenol	9.969	139	111707	40.824	ng		82
57) 2,4-Dinitrotoluene	10.051	165	179531	45.261	ng		98
58) Fluorene	10.416	166	556591	41.164	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	155384	40.831	ng		98
60) Diethylphthalate	10.292	149	583370	41.653	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	279626	41.429	ng		93
62) 4-Nitroaniline	10.433	138	147035	41.742	ng		97
63) Azobenzene	10.569	77	553387	41.028	ng		97
65) 4,6-Dinitro-2-methylph...	10.457	198	92146	43.369	ng		76
66) n-Nitrosodiphenylamine	10.527	169	505545	42.704	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	177987	43.260	ng	#	92
68) Hexachlorobenzene	10.957	284	187950	42.772	ng	#	90
69) Atrazine	11.057	200	128040	39.752	ng		99
70) Pentachlorophenol	11.151	266	122741	43.493	ng		96
71) Phenanthrene	11.380	178	833674	42.192	ng		99
72) Anthracene	11.427	178	843225	41.647	ng		100
73) Carbazole	11.586	167	719064	40.869	ng		99
74) Di-n-butylphthalate	11.927	149	826036	41.087	ng		99
75) Fluoranthene	12.574	202	803168	39.567	ng		97
77) Benzidine	12.698	184	183332	48.655	ng		100
78) Pyrene	12.804	202	793906	46.579	ng		99
80) Butylbenzylphthalate	13.433	149	264195	43.303	ng		99
81) Benzo(a)anthracene	13.998	228	529763	41.392	ng		100
82) 3,3'-Dichlorobenzidine	13.962	252	169260	41.435	ng		99
83) Chrysene	14.033	228	510415	40.495	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	290901	40.926	ng		97
85) Di-n-octyl phthalate	14.621	149	411356	38.631	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	597009	47.761	ng		97
88) Benzo(b)fluoranthene	15.057	252	440514	38.924	ng		100
89) Benzo(k)fluoranthene	15.092	252	417630	37.296	ng		98
90) Benzo(a)pyrene	15.433	252	431105	40.997	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	487904	47.651	ng		98
92) Benzo(g,h,i)perylene	17.474	276	503235	43.460	ng		98

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

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