Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136149.D
Acq On : 06 Nov 2023 12:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 12:43:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

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11/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	106195	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	409921	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	211105	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	390010	20.000	ng		0.00
76) Chrysene-d12	14.010	240	198566	20.000	ng		0.00
86) Perylene-d12	15.492	264	195040	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	524312	77.584	ng		0.00
7) Phenol-d6	6.457	99	654074	77.681	ng		0.00
23) Nitrobenzene-d5	7.386	82	591995	87.058	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	194187	86.179	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1119944	84.569	ng		0.00
79) Terphenyl-d14	12.951	244	1207980	94.540	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	108702	36.939	ng		98
3) Pyridine	3.328	79	293523	36.543	ng		98
4) n-Nitrosodimethylamine	3.299	42	134503	40.051	ng	#	86
6) Aniline	6.487	93	419724	38.502	ng		100
8) 2-Chlorophenol	6.604	128	281535	38.966	ng		98
9) Benzaldehyde	6.375	77	186039	39.624	ng		98
10) Phenol	6.469	94	334935m	38.459	ng		
11) bis(2-Chloroethyl)ether	6.563	93	258223	37.874	ng		99
12) 1,3-Dichlorobenzene	6.763	146	294208	39.125	ng		98
13) 1,4-Dichlorobenzene	6.839	146	296432	39.335	ng		99
14) 1,2-Dichlorobenzene	6.992	146	278143	39.472	ng		99
15) Benzyl Alcohol	6.963	79	246829	41.343	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	344436	36.703	ng		98
17) 2-Methylphenol	7.075	107	236679	38.615	ng		96
18) Hexachloroethane	7.334	117	108419	40.932	ng		91
19) n-Nitroso-di-n-propyla...	7.239	70	184522	38.354	ng		97
20) 3+4-Methylphenols	7.228	107	291175	38.958	ng		96
22) Acetophenone	7.234	105	370886	40.803	ng	#	94
24) Nitrobenzene	7.404	77	291195	42.335	ng		93
25) Isophorone	7.639	82	517665	40.324	ng		98
26) 2-Nitrophenol	7.716	139	144805	46.142	ng		90
27) 2,4-Dimethylphenol	7.757	122	240398	40.538	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	309645	39.366	ng		98
29) 2,4-Dichlorophenol	7.957	162	234563	41.957	ng		97
30) 1,2,4-Trichlorobenzene	8.045	180	253433	41.555	ng		98
31) Naphthalene	8.122	128	814849	41.222	ng		100
32) Benzoic acid	7.875	122	170151m	37.115	ng		
33) 4-Chloroaniline	8.175	127	349746	40.402	ng		98
34) Hexachlorobutadiene	8.239	225	152376	43.567	ng		98
35) Caprolactam	8.551	113	73929	40.669	ng		94
36) 4-Chloro-3-methylphenol	8.651	107	249498	42.509	ng		94
37) 2-Methylnaphthalene	8.816	142	551042	41.575	ng		100
38) 1-Methylnaphthalene	8.916	142	510359	41.376	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	253664	42.133	ng		99
41) Hexachlorocyclopentadiene	8.969	237	135960	42.270	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	162617	41.426	ng		99

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44) 2,4,5-Trichlorophenol	9.128	196	192901	42.422	ng		94
46) 1,1'-Biphenyl	9.280	154	670248	41.649	ng		99
47) 2-Chloronaphthalene	9.304	162	496230	41.828	ng		98
48) 2-Nitroaniline	9.404	65	161572	46.019	ng		96
49) Acenaphthylene	9.722	152	774218	41.832	ng		99
50) Dimethylphthalate	9.586	163	588651	42.274	ng		99
51) 2,6-Dinitrotoluene	9.645	165	133821	44.933	ng	#	87
52) Acenaphthene	9.898	154	485219m	41.241	ng		
53) 3-Nitroaniline	9.816	138	148138	42.629	ng		92
54) 2,4-Dinitrophenol	9.916	184	58387	40.543	ng	#	83
55) Dibenzofuran	10.069	168	720281	41.985	ng		97
56) 4-Nitrophenol	9.969	139	107453	41.338	ng	#	79
57) 2,4-Dinitrotoluene	10.051	165	175900	46.681	ng		97
58) Fluorene	10.410	166	546387	42.537	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	152953	42.309	ng	#	99
60) Diethylphthalate	10.292	149	598887	45.013	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	270989	42.264	ng		93
62) 4-Nitroaniline	10.433	138	139654	41.735	ng		92
63) Azobenzene	10.569	77	537832	41.975	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	89386	42.470	ng		81
66) n-Nitrosodiphenylamine	10.527	169	486754	41.373	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	176883	43.259	ng		93
68) Hexachlorobenzene	10.957	284	185619	42.504	ng	#	91
69) Atrazine	11.057	200	125652	39.253	ng		97
70) Pentachlorophenol	11.151	266	117178	41.780	ng		97
71) Phenanthrene	11.380	178	816263	41.567	ng		98
72) Anthracene	11.427	178	854462	42.464	ng		99
73) Carbazole	11.586	167	717907	41.056	ng		99
74) Di-n-butylphthalate	11.927	149	855335	42.809	ng		100
75) Fluoranthene	12.574	202	824089	40.850	ng		96
77) Benzidine	12.698	184	186338	48.147	ng		99
78) Pyrene	12.804	202	818091	46.731	ng		99
80) Butylbenzylphthalate	13.433	149	283135	45.182	ng		99
81) Benzo(a)anthracene	13.998	228	553743	42.124	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	177330	42.265	ng		100
83) Chrysene	14.033	228	529222	40.879	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	309355	42.373	ng	#	97
85) Di-n-octyl phthalate	14.621	149	442533	40.462	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	598585	46.959	ng		97
88) Benzo(b)fluoranthene	15.057	252	458674	39.743	ng		100
89) Benzo(k)fluoranthene	15.086	252	418081	36.613	ng		99
90) Benzo(a)pyrene	15.433	252	432865	40.367	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	492727	47.189	ng		96
92) Benzo(g,h,i)perylene	17.468	276	497905	42.253	ng		98

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

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