Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
Data File : BF139787.D
Acq On : 14 Oct 2024 14:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 14 15:08:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	106437	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	392664	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	208571	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	338151	20.000	ng		0.00
76) Chrysene-d12	14.027	240	160091	20.000	ng		0.00
86) Perylene-d12	15.504	264	184260	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	480527	78.250	ng		0.00
7) Phenol-d6	6.504	99	643522	77.925	ng		0.00
23) Nitrobenzene-d5	7.434	82	589886	76.060	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	134718	66.910	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1068432	78.642	ng		0.00
79) Terphenyl-d14	12.974	244	763736	78.278	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	102561	38.630	ng		98
3) Pyridine	3.387	79	248500	38.485	ng		96
4) n-Nitrosodimethylamine	3.346	42	153792	36.387	ng		93
6) Aniline	6.528	93	252517	34.459	ng	#	77
8) 2-Chlorophenol	6.651	128	258130	39.234	ng		99
9) Benzaldehyde	6.416	77	174129	39.805	ng		99
10) Phenol	6.516	94	337110	38.822	ng		94
11) bis(2-Chloroethyl)ether	6.604	93	264163	37.363	ng		97
12) 1,3-Dichlorobenzene	6.804	146	286331	38.686	ng		99
13) 1,4-Dichlorobenzene	6.881	146	288193	38.445	ng		99
14) 1,2-Dichlorobenzene	7.034	146	270905	38.560	ng		99
15) Benzyl Alcohol	7.010	79	234732	37.201	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	447555	36.566	ng		88
17) 2-Methylphenol	7.122	107	211783	38.558	ng		98
18) Hexachloroethane	7.375	117	106135	37.959	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	192792	36.312	ng		98
20) 3+4-Methylphenols	7.275	107	262563	38.059	ng		97
22) Acetophenone	7.275	105	359348	38.554	ng		96
24) Nitrobenzene	7.451	77	305601	38.054	ng		99
25) Isophorone	7.686	82	516910	37.526	ng		100
26) 2-Nitrophenol	7.763	139	138206	40.031	ng		99
27) 2,4-Dimethylphenol	7.804	122	165460	39.149	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	318363	38.705	ng		99
29) 2,4-Dichlorophenol	8.010	162	217021	39.367	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	245446	39.370	ng		99
31) Naphthalene	8.169	128	788053	39.253	ng		100
32) Benzoic acid	7.934	122	157150	37.394	ng		98
33) 4-Chloroaniline	8.222	127	244060	35.914	ng		98
34) Hexachlorobutadiene	8.281	225	156670	38.832	ng		99
35) Caprolactam	8.592	113	61602	34.069	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	227520	36.459	ng		100
37) 2-Methylnaphthalene	8.857	142	498462	38.122	ng		99
38) 1-Methylnaphthalene	8.957	142	479984	37.554	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	235182	40.607	ng		99
41) Hexachlorocyclopentadiene	9.010	237	84502	47.583	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	148171	37.950	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	160815	38.193	ng	98
46) 1,1'-Biphenyl	9.322	154	608723	39.240	ng	99
47) 2-Chloronaphthalene	9.351	162	467672	40.214	ng	98
48) 2-Nitroaniline	9.445	65	154095	36.912	ng	100
49) Acenaphthylene	9.763	152	682680	38.600	ng	100
50) Dimethylphthalate	9.622	163	505012	36.988	ng	100
51) 2,6-Dinitrotoluene	9.692	165	115296	37.383	ng	90
52) Acenaphthene	9.939	154	468637m	38.598	ng	
53) 3-Nitroaniline	9.857	138	105213	33.382	ng	100
54) 2,4-Dinitrophenol	9.969	184	62398	37.614	ng	97
55) Dibenzofuran	10.110	168	642495	37.795	ng	99
56) 4-Nitrophenol	10.028	139	98430	40.952	ng	89
57) 2,4-Dinitrotoluene	10.092	165	144017	35.724	ng	99
58) Fluorene	10.451	166	504613	37.269	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	115309	33.907	ng	97
60) Diethylphthalate	10.322	149	492898	34.952	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	253605	37.439	ng	98
62) 4-Nitroaniline	10.469	138	100521	31.180	ng	96
63) Azobenzene	10.604	77	505068	35.613	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	70515	36.922	ng	92
66) n-Nitrosodiphenylamine	10.563	169	417240	41.860	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	144798	41.764	ng	98
68) Hexachlorobenzene	10.998	284	155169	40.333	ng	99
69) Atrazine	11.086	200	94769	35.437	ng	97
70) Pentachlorophenol	11.198	266	92484	40.371	ng	100
71) Phenanthrene	11.416	178	619982	38.885	ng	99
72) Anthracene	11.463	178	604668	38.334	ng	100
73) Carbazole	11.622	167	535017	35.315	ng	99
74) Di-n-butylphthalate	11.945	149	656636	35.643	ng	99
75) Fluoranthene	12.604	202	588269	33.752	ng	99
77) Benzidine	12.727	184	114146	40.423	ng	99
78) Pyrene	12.833	202	575338	40.182	ng	99
80) Butylbenzylphthalate	13.445	149	208497	40.710	ng	96
81) Benzo(a)anthracene	14.015	228	409902	38.944	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	134818	41.853	ng	99
83) Chrysene	14.057	228	373538	38.818	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	287398	44.939	ng	100
85) Di-n-octyl phthalate	14.615	149	493478	52.523	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	399412	36.829	ng	99
88) Benzo(b)fluoranthene	15.074	252	407722	34.222	ng	100
89) Benzo(k)fluoranthene	15.104	252	368811	36.493	ng	99
90) Benzo(a)pyrene	15.439	252	339098	36.097	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	307079	34.139	ng	99
92) Benzo(g,h,i)perylene	17.433	276	345290	38.275	ng	99

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

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