Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140133.D
Acq On : 30 Oct 2024 01:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 30 02:33:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
10/30/2024
Supervised By :mohammad ahmed
11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	138100	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	525538	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	277202	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	403543	20.000	ng		0.00
76) Chrysene-d12	14.057	240	272891	20.000	ng		0.00
86) Perylene-d12	15.539	264	265895	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	667352	75.650	ng		0.00
7) Phenol-d6	6.516	99	867539	75.931	ng		0.00
23) Nitrobenzene-d5	7.457	82	809085	85.327	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	172231	66.425	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1385634	82.612	ng		0.00
79) Terphenyl-d14	12.998	244	1059183	63.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	150088	36.491	ng		98
3) Pyridine	3.428	79	376185	36.899	ng		98
4) n-Nitrosodimethylamine	3.387	42	205680	37.550	ng		97
6) Aniline	6.551	93	394675	37.065	ng		99
8) 2-Chlorophenol	6.675	128	344973	38.253	ng		98
9) Benzaldehyde	6.440	77	283415	44.095	ng		99
10) Phenol	6.528	94	455685m	38.686	ng		
11) bis(2-Chloroethyl)ether	6.628	93	356193	39.124	ng		99
12) 1,3-Dichlorobenzene	6.834	146	407149	39.330	ng		99
13) 1,4-Dichlorobenzene	6.910	146	409480	39.592	ng		99
14) 1,2-Dichlorobenzene	7.063	146	376098	38.963	ng		99
15) Benzyl Alcohol	7.028	79	332816	39.711	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	606280	39.054	ng		99
17) 2-Methylphenol	7.140	107	297936	38.744	ng		98
18) Hexachloroethane	7.404	117	148511	40.267	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	270899	39.094	ng		98
20) 3+4-Methylphenols	7.293	107	371088	37.728	ng	#	82
22) Acetophenone	7.298	105	500253	38.863	ng		98
24) Nitrobenzene	7.475	77	426452	41.020	ng		100
25) Isophorone	7.710	82	723022	40.174	ng		99
26) 2-Nitrophenol	7.787	139	179266	45.708	ng		99
27) 2,4-Dimethylphenol	7.822	122	238162	36.417	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	439619	40.317	ng		99
29) 2,4-Dichlorophenol	8.028	162	288703	38.758	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	333066	40.409	ng		100
31) Naphthalene	8.192	128	1055314	38.936	ng		100
32) Benzoic acid	7.910	122	126620m	22.199	ng		
33) 4-Chloroaniline	8.240	127	344571	37.283	ng		99
34) Hexachlorobutadiene	8.310	225	218183	42.130	ng		99
35) Caprolactam	8.610	113	81024	34.209	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	312789	37.922	ng		99
37) 2-Methylnaphthalene	8.887	142	648607	39.074	ng		99
38) 1-Methylnaphthalene	8.987	142	626884	38.492	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	318151	42.542	ng		100
41) Hexachlorocyclopentadiene	9.039	237	55888	21.478	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	206561	39.013	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	198566	36.350	ng		100
46) 1,1'-Biphenyl	9.351	154	791214	41.001	ng		99
47) 2-Chloronaphthalene	9.375	162	634796	40.843	ng		99
48) 2-Nitroaniline	9.469	65	211365	44.465	ng		97
49) Acenaphthylene	9.792	152	873551	38.877	ng		99
50) Dimethylphthalate	9.645	163	724269	41.947	ng		99
51) 2,6-Dinitrotoluene	9.710	165	162498	43.466	ng		99
52) Acenaphthene	9.963	154	543674	37.403	ng		99
53) 3-Nitroaniline	9.875	138	151595	39.321	ng		98
54) 2,4-Dinitrophenol	9.981	184	9095	11.906	ng	#	57
55) Dibenzofuran	10.134	168	804235	38.563	ng		100
56) 4-Nitrophenol	10.028	139	88021	29.676	ng		99
57) 2,4-Dinitrotoluene	10.110	165	201700	43.873	ng		98
58) Fluorene	10.475	166	596321	37.542	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	134537	31.417	ng		100
60) Diethylphthalate	10.345	149	706543	41.677	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	321960	40.137	ng		99
62) 4-Nitroaniline	10.486	138	134614	36.970	ng		97
63) Azobenzene	10.628	77	675539	37.587	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	19589	11.901	ng		97
66) n-Nitrosodiphenylamine	10.586	169	536970	44.459	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	191056	45.957	ng		98
68) Hexachlorobenzene	11.022	284	197305	42.200	ng		99
69) Atrazine	11.110	200	139184	42.541	ng		98
70) Pentachlorophenol	11.216	266	90356	31.842	ng		98
71) Phenanthrene	11.439	178	737109	38.670	ng		100
72) Anthracene	11.492	178	718679	38.642	ng		100
73) Carbazole	11.645	167	628569	36.340	ng		99
74) Di-n-butylphthalate	11.975	149	887985	44.436	ng		100
75) Fluoranthene	12.627	202	712693	36.985	ng		99
77) Benzidine	12.745	184	145345	32.391	ng		98
78) Pyrene	12.857	202	724532	30.332	ng		100
80) Butylbenzylphthalate	13.474	149	304059	42.458	ng		99
81) Benzo(a)anthracene	14.045	228	694196	39.078	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	218988	42.280	ng		99
83) Chrysene	14.080	228	666260	40.906	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	430359	53.563	ng		99
85) Di-n-octyl phthalate	14.645	149	787233	53.868	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	517291	30.241	ng		98
88) Benzo(b)fluoranthene	15.104	252	749672	46.284	ng		99
89) Benzo(k)fluoranthene	15.133	252	560615	40.134	ng		99
90) Benzo(a)pyrene	15.474	252	537828	40.355	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	429275	30.082	ng		99
92) Benzo(g,h,i)perylene	17.492	276	414542	29.083	ng		99

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

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