Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140075.D
Acq On : 28 Oct 2024 09:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 28 09:55:45 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 :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	132517	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	497360	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	274065	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	494703	20.000	ng		0.00
76) Chrysene-d12	14.051	240	250901	20.000	ng		0.00
86) Perylene-d12	15.527	264	263501	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	635250	75.045	ng		0.00
7) Phenol-d6	6.516	99	814577	74.300	ng		0.00
23) Nitrobenzene-d5	7.451	82	750063	83.584	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	216066	84.285	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1310048	79.000	ng		0.00
79) Terphenyl-d14	12.998	244	1254654	81.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	148154	37.538	ng		96
3) Pyridine	3.440	79	374133	38.244	ng		98
4) n-Nitrosodimethylamine	3.387	42	197677	37.610	ng		96
6) Aniline	6.551	93	388187	37.992	ng		99
8) 2-Chlorophenol	6.675	128	328283	37.936	ng		100
9) Benzaldehyde	6.439	77	234409	38.007	ng		99
10) Phenol	6.528	94	427262m	37.802	ng		
11) bis(2-Chloroethyl)ether	6.628	93	324860	37.186	ng		100
12) 1,3-Dichlorobenzene	6.833	146	395383	39.802	ng		99
13) 1,4-Dichlorobenzene	6.910	146	393761	39.676	ng		99
14) 1,2-Dichlorobenzene	7.063	146	364568	39.360	ng		99
15) Benzyl Alcohol	7.028	79	307563	38.244	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	538199	36.130	ng		98
17) 2-Methylphenol	7.133	107	278276	37.712	ng		99
18) Hexachloroethane	7.404	117	139330	39.369	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	243835	36.671	ng		98
20) 3+4-Methylphenols	7.292	107	349881	37.070	ng	#	83
22) Acetophenone	7.298	105	466951	38.331	ng		99
24) Nitrobenzene	7.475	77	394888	40.136	ng		100
25) Isophorone	7.710	82	654467	38.425	ng		99
26) 2-Nitrophenol	7.786	139	151084	40.704	ng		98
27) 2,4-Dimethylphenol	7.816	122	220819	35.678	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	392131	38.000	ng		100
29) 2,4-Dichlorophenol	8.028	162	277268	39.331	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	313301	40.164	ng		100
31) Naphthalene	8.198	128	1010972	39.413	ng		100
32) Benzoic acid	7.928	122	184222	34.127	ng		99
33) 4-Chloroaniline	8.239	127	341100	38.998	ng		99
34) Hexachlorobutadiene	8.310	225	198499	40.501	ng		100
35) Caprolactam	8.616	113	88634	39.542	ng		92
36) 4-Chloro-3-methylphenol	8.716	107	305431	39.128	ng		98
37) 2-Methylnaphthalene	8.886	142	616924	39.271	ng		99
38) 1-Methylnaphthalene	8.986	142	607270	39.400	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	303883	41.099	ng		99
41) Hexachlorocyclopentadiene	9.039	237	99773	38.781	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	205507	39.258	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	214705	39.754	ng		98
46) 1,1'-Biphenyl	9.351	154	756187	39.635	ng		100
47) 2-Chloronaphthalene	9.375	162	620778	40.398	ng		99
48) 2-Nitroaniline	9.469	65	201129	42.796	ng		94
49) Acenaphthylene	9.792	152	891367	40.124	ng		99
50) Dimethylphthalate	9.651	163	682031	39.953	ng		99
51) 2,6-Dinitrotoluene	9.710	165	161527	43.701	ng		98
52) Acenaphthene	9.963	154	579769	40.343	ng		99
53) 3-Nitroaniline	9.874	138	160653	42.148	ng		98
54) 2,4-Dinitrophenol	9.980	184	64847	45.309	ng	#	1
55) Dibenzofuran	10.133	168	813269	39.443	ng		99
56) 4-Nitrophenol	10.027	139	120058	40.940	ng		97
57) 2,4-Dinitrotoluene	10.110	165	209655	46.125	ng		99
58) Fluorene	10.474	166	633488	40.338	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	170444	40.257	ng		98
60) Diethylphthalate	10.345	149	675530	40.303	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	324430	40.907	ng		99
62) 4-Nitroaniline	10.492	138	156727	43.535	ng		98
63) Azobenzene	10.627	77	685497	38.577	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	96169	47.659	ng		92
66) n-Nitrosodiphenylamine	10.586	169	569092	38.436	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	205221	40.268	ng		98
68) Hexachlorobenzene	11.021	284	230272	40.175	ng		99
69) Atrazine	11.110	200	155137	38.680	ng		99
70) Pentachlorophenol	11.216	266	142153	40.865	ng		98
71) Phenanthrene	11.439	178	899645	38.500	ng		99
72) Anthracene	11.492	178	889039	38.994	ng		100
73) Carbazole	11.645	167	803004	37.870	ng		99
74) Di-n-butylphthalate	11.974	149	957414	39.082	ng		99
75) Fluoranthene	12.627	202	901406	38.158	ng		99
77) Benzidine	12.745	184	186877	45.296	ng		99
78) Pyrene	12.857	202	894517	40.730	ng		99
80) Butylbenzylphthalate	13.468	149	271701	41.265	ng		99
81) Benzo(a)anthracene	14.039	228	665269	40.732	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	211560	44.426	ng		99
83) Chrysene	14.080	228	587960	39.262	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	334928	45.339	ng		99
85) Di-n-octyl phthalate	14.639	149	547586	40.754	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	684787	40.396	ng		98
88) Benzo(b)fluoranthene	15.098	252	615487	38.345	ng		99
89) Benzo(k)fluoranthene	15.127	252	563702	40.721	ng		99
90) Benzo(a)pyrene	15.468	252	533309	40.379	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	563984	39.881	ng		98
92) Benzo(g,h,i)perylene	17.486	276	583161	41.284	ng		98

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

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