Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
Data File : BF140200.D
Acq On : 01 Nov 2024 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 01 11:18:01 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 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	147950	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	577069	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	331720	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	606919	20.000	ng		0.00
76) Chrysene-d12	14.080	240	388668	20.000	ng		0.03
86) Perylene-d12	15.580	264	308087	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	736495	77.930	ng		0.00
7) Phenol-d6	6.516	99	974120	79.584	ng		0.00
23) Nitrobenzene-d5	7.451	82	925105	88.850	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	279792	90.174	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1587676	79.101	ng		0.00
79) Terphenyl-d14	13.016	244	1822572	76.411	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.664	88	150204	34.088	ng		99
3) Pyridine	3.434	79	370797	33.949	ng		97
4) n-Nitrosodimethylamine	3.387	42	222121	37.852	ng	#	92
6) Aniline	6.551	93	414919	36.372	ng		100
8) 2-Chlorophenol	6.675	128	387068	40.063	ng		99
9) Benzaldehyde	6.440	77	284659	41.340	ng		99
10) Phenol	6.528	94	505138m	40.030	ng		
11) bis(2-Chloroethyl)ether	6.622	93	395369	40.536	ng		97
12) 1,3-Dichlorobenzene	6.828	146	447454	40.345	ng		99
13) 1,4-Dichlorobenzene	6.904	146	449890	40.603	ng		100
14) 1,2-Dichlorobenzene	7.057	146	418160	40.436	ng		99
15) Benzyl Alcohol	7.028	79	373415	41.589	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	685167	41.198	ng		99
17) 2-Methylphenol	7.134	107	337377	40.952	ng		99
18) Hexachloroethane	7.398	117	166034	42.021	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	294658	39.692	ng		98
20) 3+4-Methylphenols	7.287	107	412021	39.101	ng	#	88
22) Acetophenone	7.298	105	557438	39.439	ng		99
24) Nitrobenzene	7.469	77	483474	42.352	ng		99
25) Isophorone	7.704	82	806784	40.825	ng		99
26) 2-Nitrophenol	7.781	139	212827	49.419	ng		99
27) 2,4-Dimethylphenol	7.816	122	276182	38.460	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	482108	40.266	ng		100
29) 2,4-Dichlorophenol	8.022	162	331884	40.576	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	368165	40.679	ng		99
31) Naphthalene	8.193	128	1194339	40.130	ng		100
32) Benzoic acid	7.940	122	274707	43.860	ng		99
33) 4-Chloroaniline	8.240	127	385323	37.969	ng		99
34) Hexachlorobutadiene	8.304	225	236249	41.545	ng		99
35) Caprolactam	8.622	113	115423	44.380	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	375904	41.505	ng		98
37) 2-Methylnaphthalene	8.881	142	741603	40.686	ng		100
38) 1-Methylnaphthalene	8.981	142	725580	40.574	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	364186	40.694	ng		100
41) Hexachlorocyclopentadiene	9.034	237	123567	39.682	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	264511	41.747	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	267076	40.856	ng		99
46) 1,1'-Biphenyl	9.345	154	908989	39.363	ng		100
47) 2-Chloronaphthalene	9.375	162	742472	39.920	ng		100
48) 2-Nitroaniline	9.469	65	271275	47.689	ng		97
49) Acenaphthylene	9.792	152	1071903	39.864	ng		99
50) Dimethylphthalate	9.651	163	862666	41.751	ng		99
51) 2,6-Dinitrotoluene	9.716	165	202613	45.289	ng		99
52) Acenaphthene	9.963	154	725746	41.724	ng		98
53) 3-Nitroaniline	9.887	138	211048	45.745	ng		98
54) 2,4-Dinitrophenol	9.987	184	117466	64.567	ng	#	1
55) Dibenzofuran	10.139	168	993093	39.793	ng		100
56) 4-Nitrophenol	10.039	139	170483	48.031	ng		97
57) 2,4-Dinitrotoluene	10.122	165	271261	49.306	ng		96
58) Fluorene	10.481	166	779808	41.025	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	214757	41.907	ng		99
60) Diethylphthalate	10.351	149	850987	41.947	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	392561	40.895	ng		98
62) 4-Nitroaniline	10.504	138	221916	50.930	ng		96
63) Azobenzene	10.634	77	885583	41.175	ng		99
65) 4,6-Dinitro-2-methylph...	10.534	198	156728	63.309	ng		95
66) n-Nitrosodiphenylamine	10.592	169	713314	39.269	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	251648	40.248	ng		99
68) Hexachlorobenzene	11.034	284	280969	39.957	ng		99
69) Atrazine	11.122	200	201635	40.978	ng		99
70) Pentachlorophenol	11.222	266	192795	45.176	ng		100
71) Phenanthrene	11.451	178	1133808	39.549	ng		100
72) Anthracene	11.498	178	1124155	40.190	ng		100
73) Carbazole	11.657	167	1064234	40.910	ng		99
74) Di-n-butylphthalate	11.986	149	1303205	43.361	ng		100
75) Fluoranthene	12.639	202	1247084	43.031	ng		99
77) Benzidine	12.763	184	336591	52.666	ng		100
78) Pyrene	12.875	202	1272270	37.396	ng		99
80) Butylbenzylphthalate	13.492	149	510189	50.020	ng		100
81) Benzo(a)anthracene	14.069	228	1028407	40.647	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	329234	44.630	ng		100
83) Chrysene	14.104	228	961686	41.456	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	675581	59.036	ng		99
85) Di-n-octyl phthalate	14.680	149	1045098	50.210	ng		99
87) Indeno(1,2,3-cd)pyrene	17.110	276	773204	39.011	ng		99
88) Benzo(b)fluoranthene	15.139	252	792579	42.232	ng		99
89) Benzo(k)fluoranthene	15.169	252	767307	47.408	ng		99
90) Benzo(a)pyrene	15.516	252	658000	42.610	ng		100
91) Dibenzo(a,h)anthracene	17.127	278	637774	38.573	ng		99
92) Benzo(g,h,i)perylene	17.574	276	650364	39.379	ng		99

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

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