

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139868.D
 Acq On : 19 Oct 2024 13:19
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 21 01:39:32 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	219099	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	841132	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	477909	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	863533	20.000	ng	0.00
76) Chrysene-d12	14.057	240	433293	20.000	ng	0.00
86) Perylene-d12	15.527	264	428998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1101230	78.684	ng	0.00
7) Phenol-d6	6.510	99	1416635	78.153	ng	0.00
23) Nitrobenzene-d5	7.457	82	1238163	81.585	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	376357	84.192	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2138047	73.938	ng	0.00
79) Terphenyl-d14	13.004	244	2242482	84.333	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	258222	39.572	ng	98
3) Pyridine	3.440	79	638579	39.481	ng	98
4) n-Nitrosodimethylamine	3.393	42	344199	39.608	ng	100
6) Aniline	6.557	93	696021	41.200	ng	98
8) 2-Chlorophenol	6.675	128	565422	39.519	ng	97
9) Benzaldehyde	6.440	77	375648	36.838	ng	99
10) Phenol	6.528	94	740833m	39.643	ng	
11) bis(2-Chloroethyl)ether	6.628	93	574564	39.778	ng	99
12) 1,3-Dichlorobenzene	6.834	146	648757	39.500	ng	100
13) 1,4-Dichlorobenzene	6.910	146	647210	39.443	ng	100
14) 1,2-Dichlorobenzene	7.063	146	601898	39.303	ng	99
15) Benzyl Alcohol	7.028	79	541272	40.708	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	979569	39.773	ng	99
17) 2-Methylphenol	7.134	107	490363	40.193	ng	100
18) Hexachloroethane	7.404	117	231668	39.592	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	434603	39.532	ng	99
20) 3+4-Methylphenols	7.292	107	618829	39.656	ng	# 88
22) Acetophenone	7.304	105	795436	38.609	ng	96
24) Nitrobenzene	7.475	77	664102	39.912	ng	100
25) Isophorone	7.710	82	1169351	40.596	ng	100
26) 2-Nitrophenol	7.787	139	273810	43.619	ng	98
27) 2,4-Dimethylphenol	7.822	122	415428	39.689	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	697097	39.944	ng	100
29) 2,4-Dichlorophenol	8.028	162	488792	40.999	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	525186	39.811	ng	99
31) Naphthalene	8.198	128	1686513	38.877	ng	99
32) Benzoic acid	7.934	122	403720	44.223	ng	98
33) 4-Chloroaniline	8.245	127	599856	40.552	ng	99
34) Hexachlorobutadiene	8.316	225	327661	39.531	ng	99
35) Caprolactam	8.616	113	162839	42.956	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	536880	40.669	ng	98
37) 2-Methylnaphthalene	8.886	142	1048543	39.466	ng	100
38) 1-Methylnaphthalene	8.986	142	1028867	39.471	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	504537	39.132	ng	99
41) Hexachlorocyclopentadiene	9.039	237	194331	43.317	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	358098	39.230	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	389499	41.357	ng	98
46) 1,1'-Biphenyl	9.351	154	1271807	38.227	ng	99
47) 2-Chloronaphthalene	9.375	162	1038097	38.741	ng	99
48) 2-Nitroaniline	9.469	65	351684	42.913	ng	95
49) Acenaphthylene	9.792	152	1531511	39.535	ng	99
50) Dimethylphthalate	9.651	163	1197771	40.237	ng	100
51) 2,6-Dinitrotoluene	9.710	165	275635	42.765	ng	98
52) Acenaphthene	9.963	154	987415	39.402	ng	99
53) 3-Nitroaniline	9.881	138	281274	42.318	ng	98
54) 2,4-Dinitrophenol	9.981	184	106369	43.008	ng #	19
55) Dibenzofuran	10.133	168	1403567	39.037	ng	100
56) 4-Nitrophenol	10.022	139	229643	44.908	ng	98
57) 2,4-Dinitrotoluene	10.116	165	356504	44.979	ng	99
58) Fluorene	10.480	166	1055534	38.544	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	306513	41.516	ng	98
60) Diethylphthalate	10.351	149	1192105	40.787	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	540981	39.118	ng	98
62) 4-Nitroaniline	10.492	138	274376	43.707	ng	99
63) Azobenzene	10.628	77	1228638	39.651	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	164206	46.619	ng	95
66) n-Nitrosodiphenylamine	10.586	169	991186	38.351	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	355427	39.953	ng	96
68) Hexachlorobenzene	11.028	284	391965	39.177	ng	97
69) Atrazine	11.110	200	276228	39.455	ng	99
70) Pentachlorophenol	11.216	266	263871	43.456	ng	98
71) Phenanthrene	11.439	178	1546030	37.903	ng	100
72) Anthracene	11.492	178	1547015	38.872	ng	100
73) Carbazole	11.645	167	1439417	38.890	ng	99
74) Di-n-butylphthalate	11.975	149	1743338	40.768	ng	100
75) Fluoranthene	12.627	202	1613847	39.138	ng	99
77) Benzidine	12.745	184	253083	35.521	ng	99
78) Pyrene	12.857	202	1614375	42.565	ng	99
80) Butylbenzylphthalate	13.474	149	511390	44.974	ng	99
81) Benzo(a)anthracene	14.045	228	1147041	40.667	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	317734	38.635	ng	99
83) Chrysene	14.080	228	1050331	40.614	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	546985	42.876	ng	100
85) Di-n-octyl phthalate	14.651	149	978714	42.178	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1223468	44.331	ng	100
88) Benzo(b)fluoranthene	15.098	252	992960	37.997	ng	99
89) Benzo(k)fluoranthene	15.127	252	946603	42.002	ng	100
90) Benzo(a)pyrene	15.468	252	877344	40.801	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1017427	44.191	ng	99
92) Benzo(g,h,i)perylene	17.480	276	1050875	45.696	ng	99

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

