

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139850.D
 Acq On : 18 Oct 2024 13:17
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 14:20:24 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 14:11:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	189346	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	712033	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	389299	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	667372	20.000	ng	0.00
76) Chrysene-d12	14.057	240	337032	20.000	ng	0.00
86) Perylene-d12	15.527	264	377203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1347774	111.432	ng	0.00
7) Phenol-d6	6.516	99	1748088	111.592	ng	0.00
23) Nitrobenzene-d5	7.457	82	1523975	118.624	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	420891	115.586	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2475821	105.106	ng	0.00
79) Terphenyl-d14	13.004	244	2266127	109.563	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	330127	58.541	ng	98
3) Pyridine	3.446	79	798529	57.127	ng	99
4) n-Nitrosodimethylamine	3.410	42	451209	60.081	ng	98
6) Aniline	6.551	93	840113	57.544	ng	100
8) 2-Chlorophenol	6.675	128	693549	56.091	ng	96
9) Benzaldehyde	6.440	77	484510	54.980	ng	99
10) Phenol	6.528	94	909456m	55.317	ng	
11) bis(2-Chloroethyl)ether	6.628	93	709494	56.838	ng	99
12) 1,3-Dichlorobenzene	6.834	146	790296	55.679	ng	98
13) 1,4-Dichlorobenzene	6.910	146	790397	55.738	ng	99
14) 1,2-Dichlorobenzene	7.063	146	719470	54.363	ng	99
15) Benzyl Alcohol	7.028	79	650971	56.651	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1201584	56.453	ng	99
17) 2-Methylphenol	7.134	107	603882	57.276	ng	99
18) Hexachloroethane	7.404	117	290250	57.398	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	526516	55.418	ng	99
20) 3+4-Methylphenols	7.293	107	738542	54.764	ng	93
22) Acetophenone	7.304	105	969975	55.618	ng	99
24) Nitrobenzene	7.475	77	828015	58.785	ng	98
25) Isophorone	7.716	82	1409786	57.816	ng	100
26) 2-Nitrophenol	7.787	139	344300	64.793	ng	100
27) 2,4-Dimethylphenol	7.822	122	500332	56.468	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	832755	56.369	ng	99
29) 2,4-Dichlorophenol	8.028	162	584871	57.952	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	635946	56.947	ng	99
31) Naphthalene	8.198	128	2016330	54.907	ng	99
32) Benzoic acid	7.945	122	502169	64.980	ng	98
33) 4-Chloroaniline	8.245	127	695566	55.548	ng	99
34) Hexachlorobutadiene	8.316	225	399483	56.934	ng	99
35) Caprolactam	8.622	113	188948	58.880	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	646732	57.872	ng	100
37) 2-Methylnaphthalene	8.887	142	1245977	55.401	ng	99
38) 1-Methylnaphthalene	8.987	142	1211981	54.926	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	591461	56.315	ng	100
41) Hexachlorocyclopentadiene	9.039	237	216567	59.262	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	447702	60.209	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	431080	56.191	ng	99
46) 1,1'-Biphenyl	9.351	154	1474193	54.396	ng	99
47) 2-Chloronaphthalene	9.375	162	1214856	55.657	ng	98
48) 2-Nitroaniline	9.469	65	423080	63.375	ng	97
49) Acenaphthylene	9.792	152	1758248	55.718	ng	99
50) Dimethylphthalate	9.657	163	1358812	56.037	ng	100
51) 2,6-Dinitrotoluene	9.710	165	320076	60.963	ng	97
52) Acenaphthene	9.969	154	1148095	56.242	ng	98
53) 3-Nitroaniline	9.881	138	328790	60.726	ng	98
54) 2,4-Dinitrophenol	9.981	184	131611	61.938	ng #	29
55) Dibenzofuran	10.139	168	1605572	54.819	ng	100
56) 4-Nitrophenol	10.028	139	256728	61.631	ng	100
57) 2,4-Dinitrotoluene	10.116	165	410361	63.558	ng	99
58) Fluorene	10.481	166	1192018	53.435	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	342475	56.946	ng	99
60) Diethylphthalate	10.351	149	1355992	56.954	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	606730	53.858	ng	98
62) 4-Nitroaniline	10.498	138	314525	61.507	ng	98
63) Azobenzene	10.633	77	1415762	56.090	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	184974	67.951	ng	99
66) n-Nitrosodiphenylamine	10.592	169	1122831	56.214	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	392570	57.100	ng	98
68) Hexachlorobenzene	11.028	284	442187	57.187	ng	98
69) Atrazine	11.116	200	307149	56.767	ng	99
70) Pentachlorophenol	11.216	266	289014	61.587	ng	99
71) Phenanthrene	11.439	178	1721763	54.618	ng	99
72) Anthracene	11.492	178	1667221	54.206	ng	99
73) Carbazole	11.645	167	1545085	54.015	ng	99
74) Di-n-butylphthalate	11.975	149	1819929	55.069	ng	100
75) Fluoranthene	12.627	202	1671405	52.448	ng	99
77) Benzidine	12.745	184	205548	37.499	ng	99
78) Pyrene	12.857	202	1667489	56.522	ng	99
80) Butylbenzylphthalate	13.474	149	537039	60.719	ng	98
81) Benzo(a)anthracene	14.045	228	1250382	56.992	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	386072	60.353	ng	99
83) Chrysene	14.080	228	1163808	57.855	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	632594	63.749	ng	100
85) Di-n-octyl phthalate	14.651	149	1220737	67.634	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	1500084	61.817	ng	99
88) Benzo(b)fluoranthene	15.098	252	1402395	61.033	ng	100
89) Benzo(k)fluoranthene	15.127	252	1051303	53.053	ng	100
90) Benzo(a)pyrene	15.468	252	1129942	59.764	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1228124	60.667	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1238955	61.272	ng	100

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

