

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
 Data File : BF139241.D
 Acq On : 04 Sep 2024 15:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 04 15:49:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Sep 04 15:37:35 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	127515	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	457942	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	244539	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	415965	20.000	ng	0.00
76) Chrysene-d12	14.057	240	201568	20.000	ng	0.00
86) Perylene-d12	15.527	264	239117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1143525	150.019	ng	0.00
7) Phenol-d6	6.528	99	1512182	148.604	ng	0.01
23) Nitrobenzene-d5	7.463	82	1369208	154.777	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	319032	151.083	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2188035	138.119	ng	0.00
79) Terphenyl-d14	13.004	244	1622223	129.942	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	270557	76.220	ng	97
3) Pyridine	3.434	79	648580	75.694	ng	99
4) n-Nitrosodimethylamine	3.410	42	440449	79.158	ng	99
6) Aniline	6.598	93	692005m	73.952	ng	
8) 2-Chlorophenol	6.681	128	582968	73.795	ng	99
10) Phenol	6.545	94	771073	71.838	ng	91
11) bis(2-Chloroethyl)ether	6.634	93	556619	72.385	ng	100
12) 1,3-Dichlorobenzene	6.834	146	653489	73.084	ng	98
13) 1,4-Dichlorobenzene	6.910	146	656935	73.402	ng	100
14) 1,2-Dichlorobenzene	7.069	146	598742	71.730	ng	100
15) Benzyl Alcohol	7.034	79	561575	75.673	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1082303	73.935	ng	98
17) 2-Methylphenol	7.145	107	492930	76.388	ng	98
18) Hexachloroethane	7.404	117	242562	75.884	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	443103	74.957	ng	99
20) 3+4-Methylphenols	7.304	107	591902	72.780	ng	# 90
22) Acetophenone	7.310	105	797363	73.087	ng	99
24) Nitrobenzene	7.481	77	722533	77.333	ng	99
25) Isophorone	7.722	82	1171801	77.862	ng	99
26) 2-Nitrophenol	7.792	139	309519	84.346	ng	99
27) 2,4-Dimethylphenol	7.828	122	403848	77.165	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	683085	76.182	ng	99
29) 2,4-Dichlorophenol	8.034	162	479655	76.545	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	531968	74.331	ng	99
31) Naphthalene	8.198	128	1699140	73.268	ng	99
32) Benzoic acid	7.969	122	439499m	92.375	ng	
33) 4-Chloroaniline	8.251	127	610316	76.006	ng	99
34) Hexachlorobutadiene	8.310	225	334585	73.779	ng	99
35) Caprolactam	8.639	113	153663	79.211	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	530535	77.694	ng	99
37) 2-Methylnaphthalene	8.886	142	1062054	73.198	ng	98
38) 1-Methylnaphthalene	8.986	142	1036365	72.626	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	507997	73.424	ng	99
41) Hexachlorocyclopentadiene	9.039	237	181258	81.520	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	359572	79.432	ng	99
44) 2,4,5-Trichlorophenol	9.204	196	355810	75.007	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	1304577	72.005	ng	100
47) 2-Chloronaphthalene	9.381	162	1003927	73.383	ng	99
48) 2-Nitroaniline	9.475	65	385815	81.876	ng	99
49) Acenaphthylene	9.798	152	1502369	72.913	ng	99
50) Dimethylphthalate	9.657	163	1115343	75.252	ng	99
51) 2,6-Dinitrotoluene	9.716	165	265908	79.082	ng	97
52) Acenaphthene	9.969	154	1029705	75.345	ng	99
53) 3-Nitroaniline	9.886	138	278978	77.873	ng	97
54) 2,4-Dinitrophenol	9.986	184	144257	81.708	ng	89
55) Dibenzofuran	10.139	168	1416885	72.313	ng	99
56) 4-Nitrophenol	10.039	139	212475	80.356	ng	99
57) 2,4-Dinitrotoluene	10.122	165	340385	79.535	ng	98
58) Fluorene	10.480	166	1087972	71.618	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	281137	75.290	ng	99
60) Diethylphthalate	10.357	149	1101184	75.496	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	521078	71.126	ng	100
62) 4-Nitroaniline	10.504	138	258632	75.842	ng	99
63) Azobenzene	10.633	77	1142765	74.336	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	175489	91.305	ng	98
66) n-Nitrosodiphenylamine	10.592	169	928685	76.699	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	311461	77.173	ng	98
68) Hexachlorobenzene	11.028	284	355446	76.934	ng	100
70) Pentachlorophenol	11.216	266	224823	84.241	ng	98
71) Phenanthrene	11.445	178	1417601	72.951	ng	99
72) Anthracene	11.498	178	1392156	73.339	ng	99
73) Carbazole	11.645	167	1254672	70.719	ng	99
74) Di-n-butylphthalate	11.980	149	1345040	74.042	ng	100
75) Fluoranthene	12.627	202	1328560	68.196	ng	99
77) Benzidine	12.751	184	316842	78.066	ng	100
78) Pyrene	12.857	202	1314545	67.511	ng	99
80) Butylbenzylphthalate	13.474	149	393762	85.903	ng	99
81) Benzo(a)anthracene	14.045	228	969777	75.346	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	303868	88.898	ng	99
83) Chrysene	14.080	228	929191	77.350	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	504517	93.773	ng	100
85) Di-n-octyl phthalate	14.651	149	950223	92.249	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1182466	79.158	ng	99
88) Benzo(b)fluoranthene	15.104	252	1049307	76.199	ng	100
89) Benzo(k)fluoranthene	15.133	252	944975	76.534	ng	100
90) Benzo(a)pyrene	15.474	252	926878	79.267	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	966455	78.508	ng	99
92) Benzo(g,h,i)perylene	17.480	276	987345	77.701	ng	99

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

