

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022423\
 Data File : BF132538.D
 Acq On : 24 Feb 2023 12:13
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Quant Time: Feb 24 23:17:55 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 24 23:17:30 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	191036	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	653075	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	344188	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	646723	20.000	ng	0.00
76) Chrysene-d12	14.207	240	371149	20.000	ng	0.00
86) Perylene-d12	15.754	264	344270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	935168	79.448	ng	0.00
7) Phenol-d6	6.637	99	1202650	78.288	ng	0.00
23) Nitrobenzene-d5	7.572	82	1143466	83.070	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	313948	84.461	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1752387	77.524	ng	0.00
79) Terphenyl-d14	13.142	244	1906567	86.852	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.884	88	274785	42.203	ng	99
3) Pyridine	3.654	79	709707	41.064	ng	99
4) n-Nitrosodimethylamine	3.625	42	277613	42.525	ng	98
6) Aniline	6.672	93	859148	41.558	ng	99
8) 2-Chlorophenol	6.795	128	485095	39.708	ng	96
9) Benzaldehyde	6.560	77	304666	36.754	ng	98
10) Phenol	6.648	94	699593	39.722	ng	100
11) bis(2-Chloroethyl)ether	6.742	93	543599	39.982	ng	96
12) 1,3-Dichlorobenzene	6.948	146	523062	39.898	ng	99
13) 1,4-Dichlorobenzene	7.025	146	520572	39.767	ng	100
14) 1,2-Dichlorobenzene	7.178	146	476674	37.942	ng	99
15) Benzyl Alcohol	7.148	79	502396	42.465	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	706380	40.742	ng	99
17) 2-Methylphenol	7.254	107	456754	40.061	ng	99
18) Hexachloroethane	7.519	117	208870	40.841	ng	98
19) n-Nitroso-di-n-propyla...	7.419	70	361329	38.219	ng	99
20) 3+4-Methylphenols	7.407	107	533830	36.241	ng	# 79
22) Acetophenone	7.419	105	663768	40.307	ng	# 87
24) Nitrobenzene	7.595	77	621821	42.239	ng	99
25) Isophorone	7.825	82	1092527	41.398	ng	99
26) 2-Nitrophenol	7.907	139	272903	42.015	ng	98
27) 2,4-Dimethylphenol	7.936	122	422748	41.237	ng	96
28) bis(2-Chloroethoxy)met...	8.031	93	644200	41.728	ng	100
29) 2,4-Dichlorophenol	8.148	162	425568	41.731	ng	98
30) 1,2,4-Trichlorobenzene	8.231	180	466438	42.123	ng	99
31) Naphthalene	8.313	128	1369604	40.965	ng	99
32) Benzoic acid	8.066	122	347433m	43.406	ng	
33) 4-Chloroaniline	8.360	127	605592	42.270	ng	98
34) Hexachlorobutadiene	8.425	225	307487	43.698	ng	99
35) Caprolactam	8.742	113	135433	40.284	ng	92
36) 4-Chloro-3-methylphenol	8.842	107	471639	42.113	ng	95
37) 2-Methylnaphthalene	9.007	142	925871	40.636	ng	99
38) 1-Methylnaphthalene	9.107	142	865892	40.666	ng	100
40) 1,2,4,5-Tetrachloroben...	9.172	216	475489	42.224	ng	100
41) Hexachlorocyclopentadiene	9.154	237	287880	47.133	ng	99
43) 2,4,6-Trichlorophenol	9.283	196	323043	42.330	ng	100

02/27/2023

Supervised By :Jagrut
Opadhyay

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.325	196	373715	41.957	ng	95
46) 1,1'-Biphenyl	9.472	154	1074175	41.233	ng	99
47) 2-Chloronaphthalene	9.501	162	862148	41.742	ng	99
48) 2-Nitroaniline	9.595	65	308756	40.588	ng	99
49) Acenaphthylene	9.919	152	1341854	40.821	ng	100
50) Dimethylphthalate	9.772	163	1031886	41.175	ng	100
51) 2,6-Dinitrotoluene	9.836	165	238773	41.835	ng	97
52) Acenaphthene	10.089	154	872325	41.791	ng	100
53) 3-Nitroaniline	10.007	138	266554	41.750	ng	95
54) 2,4-Dinitrophenol	10.113	184	142053	40.430	ng	96
55) Dibenzofuran	10.260	168	1236532	40.635	ng	95
56) 4-Nitrophenol	10.166	139	196813	41.336	ng	95
57) 2,4-Dinitrotoluene	10.242	165	312822	41.199	ng	96
58) Fluorene	10.607	166	936128	40.219	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.377	232	288847	43.656	ng	99
60) Diethylphthalate	10.472	149	1020664	41.701	ng	100
61) 4-Chlorophenyl-phenyle...	10.595	204	494773	40.975	ng	96
62) 4-Nitroaniline	10.630	138	253900	40.513	ng	97
63) Azobenzene	10.754	77	1089280	42.022	ng	96
65) 4,6-Dinitro-2-methylph...	10.654	198	195376	44.627	ng	94
66) n-Nitrosodiphenylamine	10.713	169	837481	41.538	ng	99
67) 4-Bromophenyl-phenylether	11.089	248	315569	43.137	ng	98
68) Hexachlorobenzene	11.154	284	327090	42.493	ng	# 91
69) Atrazine	11.236	200	264997	42.101	ng	98
70) Pentachlorophenol	11.348	266	221349	48.332	ng	98
71) Phenanthrene	11.577	178	1351724	40.346	ng	98
72) Anthracene	11.630	178	1395948	40.461	ng	100
73) Carbazole	11.783	167	1245688	40.046	ng	99
74) Di-n-butylphthalate	12.101	149	1512384	41.449	ng	99
75) Fluoranthene	12.771	202	1459423	39.847	ng	98
77) Benzidine	12.883	184	463921	51.348	ng	99
78) Pyrene	13.001	202	1491077	44.188	ng	99
80) Butylbenzylphthalate	13.613	149	580423	43.588	ng	94
81) Benzo(a)anthracene	14.195	228	1155613	41.613	ng	99
82) 3,3'-Dichlorobenzidine	14.154	252	344260	42.049	ng	99
83) Chrysene	14.236	228	1079060	41.553	ng	98
84) Bis(2-ethylhexyl)phtha...	14.165	149	714989	43.709	ng	100
85) Di-n-octyl phthalate	14.789	149	1048573	43.866	ng	100
87) Indeno(1,2,3-cd)pyrene	17.359	276	1065687	47.242	ng	98
88) Benzo(b)fluoranthene	15.295	252	941615	40.813	ng	99
89) Benzo(k)fluoranthene	15.324	252	930767	41.221	ng	99
90) Benzo(a)pyrene	15.689	252	906025	41.960	ng	99
91) Dibenzo(a,h)anthracene	17.377	278	865977	47.116	ng	97
92) Benzo(g,h,i)perylene	17.853	276	896052	43.303	ng	98

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Supervised By :Jagrut
 Upadhyay

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

