

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139952.D
 Acq On : 23 Oct 2024 09:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 11:08:31 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)
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Internal Standards

1) 1,4-Dichlorobenzene-d4	6.893	152	156634	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	590130	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	329153	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	576587	20.000	ng	0.00
76) Chrysene-d12	14.057	240	299183	20.000	ng	0.00
86) Perylene-d12	15.533	264	329130	20.000	ng	0.00

10/24/2024

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ahmed

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System Monitoring Compounds

5) 2-Fluorophenol	5.504	112	756653	75.624	ng	0.00
7) Phenol-d6	6.510	99	961945	74.232	ng	0.00
23) Nitrobenzene-d5	7.451	82	865501	81.286	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	271250	88.103	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1530540	76.849	ng	0.00
79) Terphenyl-d14	12.998	244	1479656	80.588	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.663	88	172780	37.037	ng	95
3) Pyridine	3.434	79	426509	36.885	ng	97
4) n-Nitrosodimethylamine	3.381	42	221378	35.634	ng	97
6) Aniline	6.557	93	456412	37.791	ng	97
8) 2-Chlorophenol	6.675	128	397094	38.822	ng	99
9) Benzaldehyde	6.440	77	254907	34.967	ng	99
10) Phenol	6.528	94	503534m	37.690	ng	
11) bis(2-Chloroethyl)ether	6.628	93	386484	37.428	ng	98
12) 1,3-Dichlorobenzene	6.834	146	455424	38.787	ng	99
13) 1,4-Dichlorobenzene	6.910	146	458258	39.065	ng	99
14) 1,2-Dichlorobenzene	7.063	146	427711	39.067	ng	98
15) Benzyl Alcohol	7.028	79	360813	37.958	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	627431	35.635	ng	99
17) 2-Methylphenol	7.134	107	334711	38.376	ng	99
18) Hexachloroethane	7.404	117	163379	39.057	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	285035	36.267	ng	97
20) 3+4-Methylphenols	7.287	107	419114	37.569	ng	99
22) Acetophenone	7.298	105	547698	37.892	ng	98
24) Nitrobenzene	7.475	77	457518	39.191	ng	98
25) Isophorone	7.710	82	765148	37.861	ng	99
26) 2-Nitrophenol	7.787	139	205936	46.760	ng	96
27) 2,4-Dimethylphenol	7.816	122	278267	37.893	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	469945	38.381	ng	100
29) 2,4-Dichlorophenol	8.022	162	330949	39.566	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	368190	39.781	ng	100
31) Naphthalene	8.198	128	1189876	39.095	ng	100
32) Benzoic acid	7.922	122	280518	43.797	ng	97
33) 4-Chloroaniline	8.240	127	403424	38.873	ng	99
34) Hexachlorobutadiene	8.310	225	236438	40.658	ng	98
35) Caprolactam	8.610	113	106703	40.120	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	359470	38.812	ng	96
37) 2-Methylnaphthalene	8.887	142	731192	39.227	ng	100
38) 1-Methylnaphthalene	8.987	142	715426	39.120	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	355865	40.075	ng	100
41) Hexachlorocyclopentadiene	9.040	237	134320	43.472	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	265016	42.153	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	258543	39.859	ng	97
46) 1,1'-Biphenyl	9.351	154	891770	38.918	ng	99
47) 2-Chloronaphthalene	9.375	162	723091	39.181	ng	100
48) 2-Nitroaniline	9.469	65	238757	42.300	ng	92
49) Acenaphthylene	9.792	152	1045886	39.200	ng	100
50) Dimethylphthalate	9.651	163	799846	39.013	ng	100
51) 2,6-Dinitrotoluene	9.710	165	189348	42.654	ng	95
52) Acenaphthene	9.963	154	689265	39.935	ng	99
53) 3-Nitroaniline	9.875	138	192935	42.145	ng	97
54) 2,4-Dinitrophenol	9.981	184	92435	52.556	ng	# 1
55) Dibenzofuran	10.134	168	966623	39.034	ng	99
56) 4-Nitrophenol	10.028	139	153534	43.593	ng	97
57) 2,4-Dinitrotoluene	10.110	165	244656	44.817	ng	98
58) Fluorene	10.481	166	737183	39.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	209605	41.221	ng	97
60) Diethylphthalate	10.351	149	784653	38.979	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	384427	40.360	ng	98
62) 4-Nitroaniline	10.492	138	183216	42.376	ng	96
63) Azobenzene	10.628	77	800436	37.507	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	130520	55.496	ng	94
66) n-Nitrosodiphenylamine	10.586	169	668240	38.723	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	243222	40.947	ng	94
68) Hexachlorobenzene	11.028	284	269072	40.278	ng	95
69) Atrazine	11.110	200	189938	40.631	ng	100
70) Pentachlorophenol	11.216	266	186013	45.879	ng	99
71) Phenanthrene	11.439	178	1045223	38.377	ng	100
72) Anthracene	11.492	178	1032769	38.865	ng	100
73) Carbazole	11.645	167	939679	38.023	ng	99
74) Di-n-butylphthalate	11.975	149	1096390	38.399	ng	100
75) Fluoranthene	12.628	202	1062550	38.592	ng	100
77) Benzidine	12.745	184	245338	49.870	ng	99
78) Pyrene	12.857	202	1045514	39.923	ng	100
80) Butylbenzylphthalate	13.475	149	320762	40.854	ng	99
81) Benzo(a)anthracene	14.045	228	761588	39.104	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	255392	44.975	ng	100
83) Chrysene	14.080	228	699768	39.187	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	390057	44.280	ng	99
85) Di-n-octyl phthalate	14.645	149	695957	43.437	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	917265	43.321	ng	98
88) Benzo(b)fluoranthene	15.098	252	815990	40.699	ng	100
89) Benzo(k)fluoranthene	15.127	252	600268	34.716	ng	99
90) Benzo(a)pyrene	15.469	252	650166	39.411	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	760210	43.038	ng	99
92) Benzo(g,h,i)perylene	17.486	276	779486	44.179	ng	99

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

