

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139921.D
 Acq On : 22 Oct 2024 11:34
 Operator : RC/JU
 Sample : PB164071BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB164071BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 12:33:25 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	6.893	152	149304	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	587812	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	331508	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	575136	20.000	ng	0.00
76) Chrysene-d12	14.057	240	270065	20.000	ng	0.00
86) Perylene-d12	15.533	264	308770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1290423	135.304	ng	0.02
7) Phenol-d6	6.516	99	1632917	132.196	ng	0.00
23) Nitrobenzene-d5	7.451	82	1048438	98.855	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	477449	153.975	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1870948	93.274	ng	0.00
79) Terphenyl-d14	12.998	244	1871355	112.911	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	177304	39.873	ng	97
3) Pyridine	3.516	79	473207	42.933	ng	97
4) n-Nitrosodimethylamine	3.469	42	270927	45.750	ng	97
6) Aniline	6.551	93	491179	42.667	ng	99
8) 2-Chlorophenol	6.675	128	501185	51.404	ng	98
9) Benzaldehyde	6.440	77	134436	19.347	ng	97
10) Phenol	6.528	94	625472m	49.116	ng	
11) bis(2-Chloroethyl)ether	6.628	93	485844	49.360	ng	99
12) 1,3-Dichlorobenzene	6.834	146	530272	47.379	ng	99
13) 1,4-Dichlorobenzene	6.910	146	532834	47.652	ng	99
14) 1,2-Dichlorobenzene	7.063	146	518464	49.681	ng	98
15) Benzyl Alcohol	7.028	79	465275	51.350	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	822320	48.996	ng	99
17) 2-Methylphenol	7.140	107	419820	50.497	ng	99
18) Hexachloroethane	7.404	117	194948	48.891	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	366243	48.887	ng	98
20) 3+4-Methylphenols	7.293	107	514385	48.372	ng	# 82
22) Acetophenone	7.298	105	685459	47.610	ng	99
24) Nitrobenzene	7.475	77	547965	47.124	ng	99
25) Isophorone	7.710	82	1001892	49.772	ng	100
26) 2-Nitrophenol	7.787	139	253829	57.863	ng	96
27) 2,4-Dimethylphenol	7.822	122	420514	57.489	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	590169	48.390	ng	99
29) 2,4-Dichlorophenol	8.028	162	418284	50.204	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	436154	47.310	ng	100
31) Naphthalene	8.198	128	1448505	47.780	ng	100
32) Benzoic acid	7.934	122	317086	49.701	ng	97
33) 4-Chloroaniline	8.239	127	206568	19.983	ng	98
34) Hexachlorobutadiene	8.310	225	279670	48.282	ng	99
35) Caprolactam	8.610	113	135266m	51.060	ng	
36) 4-Chloro-3-methylphenol	8.716	107	456067	49.435	ng	98
37) 2-Methylnaphthalene	8.887	142	915743	49.322	ng	100
38) 1-Methylnaphthalene	8.986	142	855292	46.953	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	423930	47.401	ng	99
41) Hexachlorocyclopentadiene	9.039	237	581876	186.982	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	322394	50.915	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	319753	48.945	ng	99
46) 1,1'-Biphenyl	9.351	154	1106952	47.966	ng	100
47) 2-Chloronaphthalene	9.375	162	875802	47.119	ng	99
48) 2-Nitroaniline	9.469	65	302215	53.162	ng	93
49) Acenaphthylene	9.792	152	1377936	51.279	ng	99
50) Dimethylphthalate	9.651	163	1034021	50.076	ng	99
51) 2,6-Dinitrotoluene	9.710	165	230480	51.551	ng	98
52) Acenaphthene	9.963	154	953212	54.836	ng	100
53) 3-Nitroaniline	9.875	138	146340	31.740	ng	97
54) 2,4-Dinitrophenol	9.986	184	242958	126.649	ng	# 1
55) Dibenzofuran	10.139	168	1209353	48.489	ng	99
56) 4-Nitrophenol	10.034	139	387313	109.189	ng	99
57) 2,4-Dinitrotoluene	10.116	165	310673	56.506	ng	98
58) Fluorene	10.481	166	917608	48.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	270120	52.745	ng	98
60) Diethylphthalate	10.351	149	996554	49.154	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	466085	48.585	ng	99
62) 4-Nitroaniline	10.492	138	223547	51.337	ng	97
63) Azobenzene	10.633	77	1028607	47.856	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	165731	70.645	ng	93
66) n-Nitrosodiphenylamine	10.592	169	862616	50.112	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	302738	51.095	ng	95
68) Hexachlorobenzene	11.028	284	336457	50.492	ng	97
69) Atrazine	11.116	200	272149	58.364	ng	100
70) Pentachlorophenol	11.216	266	416766	103.053	ng	99
71) Phenanthrene	11.445	178	1360228	50.069	ng	99
72) Anthracene	11.492	178	1383255	52.186	ng	100
73) Carbazole	11.645	167	1198727	48.627	ng	99
74) Di-n-butylphthalate	11.975	149	1403424	49.276	ng	100
75) Fluoranthene	12.627	202	1340657	48.816	ng	100
77) Benzidine	12.745	184	237429	53.466	ng	98
78) Pyrene	12.857	202	1346251	56.949	ng	100
80) Butylbenzylphthalate	13.474	149	405724	57.247	ng	99
81) Benzo(a)anthracene	14.045	228	931291	52.973	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	177259	34.582	ng	97
83) Chrysene	14.080	228	858190	53.241	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	478944	60.233	ng	100
85) Di-n-octyl phthalate	14.645	149	883366	61.078	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1186119	59.712	ng	98
88) Benzo(b)fluoranthene	15.098	252	963492	51.225	ng	99
89) Benzo(k)fluoranthene	15.127	252	785059	48.397	ng	99
90) Benzo(a)pyrene	15.474	252	866062	55.959	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	969171	58.486	ng	98
92) Benzo(g,h,i)perylene	17.492	276	909062	54.921	ng	98

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

