

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139956.D
 Acq On : 23 Oct 2024 11:14
 Operator : RC/JU
 Sample : PB164237BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB164237BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 11:44:32 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	6.892	152	153790	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	606740	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	340748	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	610666	20.000	ng	0.00
76) Chrysene-d12	14.057	240	319638	20.000	ng	0.00
86) Perylene-d12	15.533	264	339182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1259598	128.219	ng	0.02
7) Phenol-d6	6.516	99	1602863	125.978	ng	0.00
23) Nitrobenzene-d5	7.451	82	1037586	94.780	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	502715	157.727	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1886404	91.494	ng	0.00
79) Terphenyl-d14	13.004	244	1925727	98.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	179223	39.129	ng	94
3) Pyridine	3.528	79	470789	41.467	ng	95
4) n-Nitrosodimethylamine	3.475	42	265674	43.555	ng	95
6) Aniline	6.551	93	494228	41.679	ng	98
8) 2-Chlorophenol	6.675	128	502587	50.044	ng	97
9) Benzaldehyde	6.440	77	117732	16.449	ng	98
10) Phenol	6.528	94	624052m	47.575	ng	
11) bis(2-Chloroethyl)ether	6.628	93	472700	46.624	ng	98
12) 1,3-Dichlorobenzene	6.834	146	526071	45.633	ng	99
13) 1,4-Dichlorobenzene	6.910	146	533734	46.341	ng	99
14) 1,2-Dichlorobenzene	7.063	146	513792	47.797	ng	99
15) Benzyl Alcohol	7.028	79	458615	49.139	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	796433	46.069	ng	98
17) 2-Methylphenol	7.139	107	419478	48.984	ng	100
18) Hexachloroethane	7.404	117	192486	46.866	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	359919	46.642	ng	96
20) 3+4-Methylphenols	7.292	107	507836	46.363	ng	# 81
22) Acetophenone	7.298	105	673431	45.315	ng	99
24) Nitrobenzene	7.469	77	544059	45.329	ng	100
25) Isophorone	7.710	82	990250	47.659	ng	99
26) 2-Nitrophenol	7.787	139	257417	56.850	ng	96
27) 2,4-Dimethylphenol	7.822	122	422881	56.009	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	590478	46.905	ng	100
29) 2,4-Dichlorophenol	8.028	162	418025	48.608	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	433288	45.533	ng	98
31) Naphthalene	8.192	128	1447001	46.242	ng	100
32) Benzoic acid	7.934	122	332879	50.549	ng	96
33) 4-Chloroaniline	8.239	127	226437	21.221	ng	97
34) Hexachlorobutadiene	8.310	225	279302	46.714	ng	99
35) Caprolactam	8.610	113	139227m	50.915	ng	
36) 4-Chloro-3-methylphenol	8.716	107	459710	48.276	ng	97
37) 2-Methylnaphthalene	8.886	142	919401	47.974	ng	100
38) 1-Methylnaphthalene	8.986	142	855787	45.514	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	427242	46.475	ng	99
41) Hexachlorocyclopentadiene	9.039	237	570562	178.375	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	338045	51.939	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	328594	48.935	ng	97
46) 1,1'-Biphenyl	9.351	154	1106732	46.656	ng	99
47) 2-Chloronaphthalene	9.375	162	884624	46.303	ng	100
48) 2-Nitroaniline	9.469	65	314155	53.764	ng	95
49) Acenaphthylene	9.792	152	1400455	50.703	ng	100
50) Dimethylphthalate	9.651	163	1063617	50.113	ng	100
51) 2,6-Dinitrotoluene	9.710	165	237408	51.661	ng	98
52) Acenaphthene	9.963	154	966780	54.108	ng	99
53) 3-Nitroaniline	9.875	138	147417	31.107	ng	98
54) 2,4-Dinitrophenol	9.986	184	257205	130.244	ng	# 1
55) Dibenzofuran	10.139	168	1219838	47.583	ng	99
56) 4-Nitrophenol	10.033	139	397364	108.985	ng	100
57) 2,4-Dinitrotoluene	10.116	165	322767	57.114	ng	97
58) Fluorene	10.480	166	926373	47.444	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	282853	53.733	ng	96
60) Diethylphthalate	10.351	149	1024095	49.142	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	477014	48.376	ng	99
62) 4-Nitroaniline	10.498	138	235849	52.693	ng	96
63) Azobenzene	10.633	77	1044708	47.287	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	177456	71.242	ng	91
66) n-Nitrosodiphenylamine	10.592	169	880440	48.172	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	314077	49.925	ng	93
68) Hexachlorobenzene	11.027	284	348716	49.287	ng	95
69) Atrazine	11.116	200	290710	58.717	ng	99
70) Pentachlorophenol	11.216	266	431130	100.402	ng	100
71) Phenanthrene	11.445	178	1379629	47.829	ng	100
72) Anthracene	11.492	178	1405358	49.935	ng	99
73) Carbazole	11.645	167	1244753	47.556	ng	99
74) Di-n-butylphthalate	11.974	149	1480160	48.947	ng	100
75) Fluoranthene	12.627	202	1367829	46.907	ng	99
77) Benzidine	12.745	184	317493	60.407	ng	100
78) Pyrene	12.857	202	1376720	49.206	ng	99
80) Butylbenzylphthalate	13.474	149	449376	53.573	ng	99
81) Benzo(a)anthracene	14.045	228	1031743	49.585	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	212363	35.005	ng	100
83) Chrysene	14.080	228	956884	50.157	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	526517	55.947	ng	99
85) Di-n-octyl phthalate	14.645	149	932058	54.450	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1212132	55.550	ng	98
88) Benzo(b)fluoranthene	15.098	252	1027568	49.733	ng	99
89) Benzo(k)fluoranthene	15.127	252	865700	48.583	ng	100
90) Benzo(a)pyrene	15.468	252	923060	54.295	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	990296	54.403	ng	98
92) Benzo(g,h,i)perylene	17.492	276	936314	51.495	ng	99

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

