

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131257.D
 Acq On : 16 Nov 2022 10:51
 Operator : CG\JU
 Sample : PB148855BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148855BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/17/2022
 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 16 22:11:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	98647	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	359414	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	208056	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	379876	20.000	ng	# 0.00
76) Chrysene-d12	14.192	240	270671	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	207466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	743034	133.378	ng	0.02
7) Phenol-d6	6.598	99	929784	131.773	ng	0.00
23) Nitrobenzene-d5	7.545	82	602804	94.140	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	275794	138.773	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1129867	79.472	ng	0.00
79) Terphenyl-d14	13.127	244	1426989	90.535	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	93695	36.710	ng	96
3) Pyridine	3.634	79	247071	34.248	ng	98
4) n-Nitrosodimethylamine	3.610	42	183446	43.627	ng	97
6) Aniline	6.639	93	251878m	28.459	ng	
8) 2-Chlorophenol	6.757	128	275681	44.022	ng	98
9) Benzaldehyde	6.522	77	76839	15.013	ng	97
10) Phenol	6.610	94	333681	42.274	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	262190	42.423	ng	99
12) 1,3-Dichlorobenzene	6.916	146	294942	41.631	ng	99
13) 1,4-Dichlorobenzene	6.992	146	296592	41.395	ng	98
14) 1,2-Dichlorobenzene	7.145	146	286666	43.288	ng	99
15) Benzyl Alcohol	7.116	79	219403m	35.798	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	502285	43.148	ng	99
17) 2-Methylphenol	7.222	107	231494	43.300	ng	98
18) Hexachloroethane	7.492	117	112354	43.134	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	204795	41.653	ng	99
20) 3+4-Methylphenols	7.375	107	292365	42.278	ng	91
22) Acetophenone	7.386	105	399064	42.595	ng	99
24) Nitrobenzene	7.563	77	317317	45.904	ng	99
25) Isophorone	7.804	82	558086	43.627	ng	99
26) 2-Nitrophenol	7.881	139	124320	45.165	ng	98
27) 2,4-Dimethylphenol	7.910	122	275381	52.593	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	322513	44.717	ng	100
29) 2,4-Dichlorophenol	8.116	162	236200	41.713	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	268690	40.472	ng	99
31) Naphthalene	8.292	128	776682	39.886	ng	99
32) Benzoic acid	8.033	122	150696	40.890	ng	96
33) 4-Chloroaniline	8.333	127	100023	13.049	ng	95
34) Hexachlorobutadiene	8.404	225	172476	41.048	ng	97
35) Caprolactam	8.710	113	73903m	44.164	ng	
36) 4-Chloro-3-methylphenol	8.816	107	259930	43.610	ng	95
37) 2-Methylnaphthalene	8.986	142	525995	40.559	ng	98
38) 1-Methylnaphthalene	9.086	142	495328	39.389	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	267666	39.957	ng	99
41) Hexachlorocyclopentadiene	9.133	237	342504	99.755	ng	98
43) 2,4,6-Trichlorophenol	9.257	196	161761	36.935	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	200143	42.585	ng	98
46) 1,1'-Biphenyl	9.451	154	650246	40.655	ng	100
47) 2-Chloronaphthalene	9.480	162	509824	39.348	ng	97
48) 2-Nitroaniline	9.575	65	181510	44.024	ng	94
49) Acenaphthylene	9.898	152	786662	39.760	ng	99
50) Dimethylphthalate	9.757	163	605449	40.639	ng	100
51) 2,6-Dinitrotoluene	9.816	165	128721	44.291	ng	92
52) Acenaphthene	10.069	154	542661	43.940	ng	98
53) 3-Nitroaniline	9.986	138	72579	24.664	ng	99
54) 2,4-Dinitrophenol	10.092	184	111049	82.773	ng	92
55) Dibenzofuran	10.245	168	710082	40.131	ng	98
56) 4-Nitrophenol	10.139	139	192282	82.028	ng	94
57) 2,4-Dinitrotoluene	10.222	165	165648	45.863	ng	97
58) Fluorene	10.586	166	556779	39.988	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	169856	42.662	ng	99
60) Diethylphthalate	10.457	149	576206	40.915	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	283104	41.120	ng	96
62) 4-Nitroaniline	10.610	138	122466	40.195	ng	96
63) Azobenzene	10.739	77	597193	40.503	ng	99
65) 4,6-Dinitro-2-methylph...	10.627	198	69234	41.764	ng	82
66) n-Nitrosodiphenylamine	10.698	169	489526	40.561	ng	99
67) 4-Bromophenyl-phenylether	11.074	248	183736	41.194	ng	92
68) Hexachlorobenzene	11.133	284	199687	41.311	ng	95
69) Atrazine	11.227	200	173068	43.748	ng	97
70) Pentachlorophenol	11.327	266	235642	83.521	ng	98
71) Phenanthrene	11.557	178	842853	40.203	ng	99
72) Anthracene	11.610	178	859478	41.967	ng	100
73) Carbazole	11.763	167	770126	42.010	ng	99
74) Di-n-butylphthalate	12.092	149	893713	41.890	ng	99
75) Fluoranthene	12.751	202	956020	41.348	ng	99
77) Benzidine	12.874	184	188766	32.544	ng	99
78) Pyrene	12.986	202	970973	41.615	ng	99
80) Butylbenzylphthalate	13.604	149	361360	45.699	ng	96
81) Benzo(a)anthracene	14.180	228	755097	40.141	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	171246	31.111	ng	98
83) Chrysene	14.215	228	712641	38.888	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	443639	44.610	ng	100
85) Di-n-octyl phthalate	14.792	149	626830	44.603	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	586489	42.791	ng	99
88) Benzo(b)fluoranthene	15.274	252	614618	42.431	ng	99
89) Benzo(k)fluoranthene	15.304	252	611234	42.566	ng	100
90) Benzo(a)pyrene	15.668	252	526287	45.452	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	497286	44.224	ng	98
92) Benzo(g,h,i)perylene	17.809	276	480924	38.944	ng	98

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

Manual Integrations

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

Abundance

TIC: BF131257.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylamine

2-Fluorophenol, S

Phenol-d6, S

1,3-Dichlorobenzene, C

1,4-Dichlorobenzene

2,3-Dichlorobenzene

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300-Dichlorobenzene