

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126357.D
 Acq On : 27 Dec 2021 15:49
 Operator : JU/CG
 Sample : PB141652BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141652BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 16:48:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	160135	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	758731	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	356469	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	538101	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	274511	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	295894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1192373	109.654	ng	0.00
7) Phenol-d6	6.451	99	1506796	109.132	ng	0.00
23) Nitrobenzene-d5	7.381	82	1115821	79.649	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	328619	114.711	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1464291	72.045	ng	0.00
79) Terphenyl-d14	12.922	244	1173364	74.294	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	159768	30.100	ng	# 100
3) Pyridine	3.346	79	383249	27.188	ng	# 78
4) n-Nitrosodimethylamine	3.299	42	227858	42.059	ng	# 10
6) Aniline	6.475	93	587934	33.523	ng	96
8) 2-Chlorophenol	6.598	128	511409	46.378	ng	93
9) Benzaldehyde	6.357	77	168818	20.262	ng	95
10) Phenol	6.463	94	628707	40.565	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	518230	43.077	ng	99
12) 1,3-Dichlorobenzene	6.751	146	465741	41.870	ng	98
13) 1,4-Dichlorobenzene	6.828	146	480822	42.805	ng	95
14) 1,2-Dichlorobenzene	6.981	146	493386	47.505	ng	96
15) Benzyl Alcohol	6.957	79	441719	43.823	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.092	45	947499	48.128	ng	93
17) 2-Methylphenol	7.069	107	458156	47.428	ng	97
18) Hexachloroethane	7.328	117	211696	47.912	ng	95
19) n-Nitroso-di-n-propyla...	7.234	70	392960	46.361	ng	# 71
20) 3+4-Methylphenols	7.222	107	516141	45.196	ng	# 83
22) Acetophenone	7.228	105	743502	42.579	ng	96
24) Nitrobenzene	7.398	77	605554	43.300	ng	94
25) Isophorone	7.639	82	1126553	42.584	ng	# 89
26) 2-Nitrophenol	7.710	139	295601	46.887	ng	# 81
27) 2,4-Dimethylphenol	7.751	122	508741	47.517	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	720982	41.451	ng	# 96
29) 2,4-Dichlorophenol	7.957	162	419352	44.064	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	419294	42.594	ng	99
31) Naphthalene	8.116	128	1470192	41.434	ng	98
32) Benzoic acid	7.898	122	366450	39.729	ng	94
33) 4-Chloroaniline	8.163	127	336796	22.733	ng	98
34) Hexachlorobutadiene	8.239	225	196573	40.659	ng	99
35) Caprolactam	8.545	113	142560m	60.274	ng	
36) 4-Chloro-3-methylphenol	8.651	107	468424	41.726	ng	89
37) 2-Methylnaphthalene	8.810	142	910187	41.653	ng	96
38) 1-Methylnaphthalene	8.910	142	877738	41.391	ng	95
40) 1,2,4,5-Tetrachloroben...	8.981	216	322644	41.937	ng	# 95
41) Hexachlorocyclopentadiene	8.969	237	386375	87.699	ng	94
43) 2,4,6-Trichlorophenol	9.086	196	241142	39.844	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	264855	42.259	ng	96
46) 1,1'-Biphenyl	9.275	154	1090823	41.385	ng	96
47) 2-Chloronaphthalene	9.298	162	806610	40.674	ng	95
48) 2-Nitroaniline	9.392	65	293635	40.567	ng	90
49) Acenaphthylene	9.716	152	1246273	41.128	ng	98
50) Dimethylphthalate	9.581	163	922257	40.843	ng	98
51) 2,6-Dinitrotoluene	9.639	165	206481	42.247	ng	94
52) Acenaphthene	9.886	154	778823	39.632	ng	99
53) 3-Nitroaniline	9.804	138	165526	26.646	ng	# 75
54) 2,4-Dinitrophenol	9.916	184	218304	108.479	ng	# 83
55) Dibenzofuran	10.057	168	1064308	39.779	ng	99
56) 4-Nitrophenol	9.975	139	374061	83.362	ng	81
57) 2,4-Dinitrotoluene	10.045	165	275291	44.156	ng	# 94
58) Fluorene	10.404	166	762201	39.351	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	194981	41.958	ng	# 99
60) Diethylphthalate	10.281	149	891582	39.290	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	338725	38.840	ng	97
62) 4-Nitroaniline	10.422	138	240101	46.075	ng	# 73
63) Azobenzene	10.551	77	1045749	38.047	ng	85
65) 4,6-Dinitro-2-methylph...	10.451	198	135902	46.251	ng	91
66) n-Nitrosodiphenylamine	10.516	169	723308	41.884	ng	97
67) 4-Bromophenyl-phenylether	10.880	248	218465	43.259	ng	# 90
68) Hexachlorobenzene	10.951	284	259288	44.641	ng	# 84
69) Atrazine	11.045	200	216353	68.363	ng	95
70) Pentachlorophenol	11.145	266	262545	81.478	ng	93
71) Phenanthrene	11.363	178	1155626	41.610	ng	97
72) Anthracene	11.416	178	1188137	42.622	ng	99
73) Carbazole	11.569	167	1051731	40.063	ng	98
74) Di-n-butylphthalate	11.904	149	1276606	38.360	ng	99
75) Fluoranthene	12.551	202	1019655	40.749	ng	94
77) Benzidine	12.669	184	381083	88.055	ng	98
78) Pyrene	12.780	202	1025584	40.666	ng	97
80) Butylbenzylphthalate	13.398	149	430845	36.303	ng	# 82
81) Benzo(a)anthracene	13.963	228	643697	39.586	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	204962	27.591	ng	# 99
83) Chrysene	14.004	228	687240	40.678	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	471066	35.520	ng	99
85) Di-n-octyl phthalate	14.574	149	911743	38.565	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	914278	46.324	ng	94
88) Benzo(b)fluoranthene	15.004	252	820203	46.134	ng	97
89) Benzo(k)fluoranthene	15.033	252	685369	40.298	ng	# 96
90) Benzo(a)pyrene	15.363	252	759158	51.376	ng	# 96
91) Dibenzo(a,h)anthracene	16.880	278	765560	47.717	ng	97
92) Benzo(g,h,i)perylene	17.298	276	830975	50.059	ng	94

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

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Abundance

TIC: BF126357.D\data.ms

Time-->

Chemical compounds identified in the chromatogram include:

- 1,4-Dioxane
- n-Nonylphenylamine,
- Phenol-d6,S
- Benzaldehyde
- Aniline
- 1,3-Dichlorobenzene
- 1,4-Dichlorobenzene
- 2,2'-oxybis[1-chloropropane]
- Hexachlorocyclopentadiene
- Nitrobenzene
- 2-Nitrophenol
- 2,4-Dimethylphenol
- Naphthalene
- Caprolactam
- 4-Chloro-3-methylphenol,C
- 2-Methylphenol
- Hexachlorocyclopentadiene
- 1,1'-Bis(4-chlorophenyl)-S
- 2-Chloronaphthalene
- Acenaphthylene
- Acenaphthene,C
- Dibenzofuran
- 2,3,4,6-Tetrachlorophthalate
- 2,4-Dinitrophenol
- 4-Nitroanisole
- 2,4-Dinitrophenyl-phenylether
- 2,4-Dinitrophenol
- Hexachloro-1,3,5-triazine
- Pentachlorophenol,C
- Carbazole
- Di-n-butylphthalate
- Fluoranthene,C
- Pyrene
- Benzidine
- Terphenyl-d14,S
- Bis(2-ethylhexyloxy)phthalate
- Chrysene
- DI-n-octyl phthalate,c
- Benzo(a)fluorene
- Benzo(a)pyrene,C
- Perylene-d12,I
- Indeno(1,2,3-cd)pyrene
- Indeno(1,2,3-cd)anthracene
- Benzo(g,h,i)perylene