

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126836.D
 Acq On : 10 Feb 2022 11:31
 Operator : CG\JU
 Sample : PB142558BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142558BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/11/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 12:46:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	130790	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	539673	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	265824	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	450682	20.000	ng	0.00
76) Chrysene-d12	14.121	240	258701	20.000	ng	0.00
86) Perylene-d12	15.627	264	204688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1080796	127.231	ng	0.02
7) Phenol-d6	6.569	99	1436670	125.278	ng	0.00
23) Nitrobenzene-d5	7.510	82	1010078	86.358	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	373832	131.177	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1471610	83.333	ng	0.00
79) Terphenyl-d14	13.063	244	1585029	87.833	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.628	79	389659	36.166	ng	100
4) n-Nitrosodimethylamine	3.599	42	241470	47.732	ng	99
6) Aniline	6.610	93	491224	35.568	ng	99
8) 2-Chlorophenol	6.728	128	441365	48.815	ng	99
9) Benzaldehyde	6.498	77	313472	44.958	ng	99
10) Phenol	6.581	94	549823	47.567	ng	99
11) bis(2-Chloroethyl)ether	6.681	93	440559	47.871	ng	98
12) 1,3-Dichlorobenzene	6.887	146	451298	45.871	ng	98
13) 1,4-Dichlorobenzene	6.963	146	458365	46.098	ng	99
14) 1,2-Dichlorobenzene	7.110	146	439769	46.937	ng	98
15) Benzyl Alcohol	7.087	79	434581	47.953	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	694829	46.189	ng	98
17) 2-Methylphenol	7.187	107	381981	48.285	ng	98
18) Hexachloroethane	7.457	117	178050	47.290	ng	97
19) n-Nitroso-di-n-propyla...	7.357	70	341992	47.093	ng	99
20) 3+4-Methylphenols	7.340	107	470730	46.384	ng	94
22) Acetophenone	7.357	105	628478	45.007	ng	# 97
24) Nitrobenzene	7.528	77	520969	47.085	ng	99
25) Isophorone	7.763	82	946401	48.295	ng	99
26) 2-Nitrophenol	7.840	139	223447	48.252	ng	99
27) 2,4-Dimethylphenol	7.875	122	410002	52.483	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	540624	44.437	ng	99
29) 2,4-Dichlorophenol	8.081	162	336639	45.830	ng	97
30) 1,2,4-Trichlorobenzene	8.163	180	360292	44.376	ng	99
31) Naphthalene	8.251	128	1265311	45.207	ng	100
32) Benzoic acid	7.998	122	267222	48.428	ng	97
33) 4-Chloroaniline	8.292	127	97716	8.868	ng	92
34) Hexachlorobutadiene	8.357	225	205472	44.425	ng	99
35) Caprolactam	8.675	113	118646m	47.053	ng	
36) 4-Chloro-3-methylphenol	8.769	107	436158	47.175	ng	96
37) 2-Methylnaphthalene	8.939	142	821188	45.912	ng	100
38) 1-Methylnaphthalene	9.039	142	771133	44.558	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	315024	45.392	ng	98
41) Hexachlorocyclopentadiene	9.092	237	431938	110.477	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	230634	46.068	ng	98
44) 2,4,5-Trichlorophenol	9.251	196	238050	44.928	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	956198	45.350	ng	99
47) 2-Chloronaphthalene	9.434	162	701902	45.072	ng	98
48) 2-Nitroaniline	9.528	65	284722	47.131	ng	93
49) Acenaphthylene	9.851	152	1191944	46.969	ng	99
50) Dimethylphthalate	9.704	163	853105	45.348	ng	99
51) 2,6-Dinitrotoluene	9.769	165	188520	49.500	ng	90
52) Acenaphthene	10.022	154	812144	50.047	ng	98
53) 3-Nitroaniline	9.933	138	111991	24.108	ng	91
54) 2,4-Dinitrophenol	10.045	184	186338	85.659	ng #	87
55) Dibenzofuran	10.192	168	982380	43.967	ng	97
56) 4-Nitrophenol	10.098	139	327081	98.038	ng	91
57) 2,4-Dinitrotoluene	10.175	165	245297	48.716	ng	98
58) Fluorene	10.533	166	767115	44.760	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.304	232	186003	44.815	ng	98
60) Diethylphthalate	10.404	149	884174	45.568	ng	100
61) 4-Chlorophenyl-phenyle...	10.528	204	355868	44.296	ng	91
62) 4-Nitroaniline	10.563	138	203174	46.520	ng	96
63) Azobenzene	10.686	77	995489	45.066	ng	99
65) 4,6-Dinitro-2-methylph...	10.581	198	113985	44.251	ng	96
66) n-Nitrosodiphenylamine	10.645	169	678812	46.040	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	225408	46.023	ng	96
68) Hexachlorobenzene	11.080	284	246479	46.726	ng	94
69) Atrazine	11.175	200	228523	50.784	ng	97
70) Pentachlorophenol	11.275	266	276981	95.083	ng	98
71) Phenanthrene	11.504	178	1141244	45.701	ng	99
72) Anthracene	11.557	178	1181738	47.363	ng	100
73) Carbazole	11.704	167	1015416	44.710	ng	100
74) Di-n-butylphthalate	12.027	149	1354508	46.261	ng	100
75) Fluoranthene	12.692	202	1104030	47.265	ng	100
77) Benzidine	12.810	184	463835	68.137	ng	99
78) Pyrene	12.922	202	1096680	46.707	ng	99
80) Butylbenzylphthalate	13.533	149	521688	48.514	ng	98
81) Benzo(a)anthracene	14.110	228	804875	45.926	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	95131	18.226	ng	99
83) Chrysene	14.151	228	769951	46.787	ng	98
84) Bis(2-ethylhexyl)phtha...	14.086	149	682810	48.972	ng	98
85) Di-n-octyl phthalate	14.704	149	951920	49.737	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	692616	47.459	ng	99
88) Benzo(b)fluoranthene	15.180	252	686850	52.530	ng	100
89) Benzo(k)fluoranthene	15.216	252	611506	45.299	ng	98
90) Benzo(a)pyrene	15.563	252	616676	57.798	ng	98
91) Dibenzo(a,h)anthracene	17.192	278	600584	49.552	ng	99
92) Benzo(g,h,i)perylene	17.645	276	593385	49.213	ng	99

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

