

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126887.D
 Acq On : 15 Feb 2022 12:59
 Operator : CG\JU
 Sample : PB142676BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142676BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/16/2022
 Supervised By : Jagrut Upadhyay 02/16/2022

Quant Time: Feb 16 00:15:59 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	116577	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	474837	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	236556	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	415053	20.000	ng	0.00
76) Chrysene-d12	14.121	240	252031	20.000	ng	0.00
86) Perylene-d12	15.621	264	196961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	982181	129.719	ng	0.01
7) Phenol-d6	6.569	99	1274626	124.699	ng	0.00
23) Nitrobenzene-d5	7.510	82	901153	87.565	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	350196	138.087	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1347889	85.771	ng	0.00
79) Terphenyl-d14	13.063	244	1489969	84.751	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.616	79	334866	34.870	ng	100
4) n-Nitrosodimethylamine	3.587	42	212054	47.028	ng	96
6) Aniline	6.604	93	466731	37.915	ng	97
8) 2-Chlorophenol	6.728	128	390782	48.490	ng	99
9) Benzaldehyde	6.498	77	269329	43.337	ng	99
10) Phenol	6.581	94	485412	47.114	ng	99
11) bis(2-Chloroethyl)ether	6.675	93	380605	46.399	ng	94
12) 1,3-Dichlorobenzene	6.881	146	401552	45.791	ng	96
13) 1,4-Dichlorobenzene	6.957	146	414500	46.769	ng	98
14) 1,2-Dichlorobenzene	7.110	146	392974	47.056	ng	97
15) Benzyl Alcohol	7.081	79	393248	48.682	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.210	45	594247	44.319	ng	97
17) 2-Methylphenol	7.187	107	332714	47.185	ng	96
18) Hexachloroethane	7.451	117	160863	47.934	ng	96
19) n-Nitroso-di-n-propyla...	7.357	70	303262	46.851	ng	97
20) 3+4-Methylphenols	7.340	107	413007	45.657	ng	93
22) Acetophenone	7.351	105	569110	46.320	ng	99
24) Nitrobenzene	7.528	77	467656	48.038	ng	99
25) Isophorone	7.763	82	831807	48.243	ng	99
26) 2-Nitrophenol	7.840	139	199701	49.012	ng	97
27) 2,4-Dimethylphenol	7.869	122	364044	52.963	ng	97
28) bis(2-Chloroethoxy)met...	7.969	93	469089	43.822	ng	99
29) 2,4-Dichlorophenol	8.081	162	296908	45.941	ng	95
30) 1,2,4-Trichlorobenzene	8.163	180	331022	46.338	ng	98
31) Naphthalene	8.251	128	1126290	45.735	ng	99
32) Benzoic acid	7.992	122	230804	47.539	ng	97
33) 4-Chloroaniline	8.292	127	123392	12.727	ng	94
34) Hexachlorobutadiene	8.357	225	188179	46.241	ng	99
35) Caprolactam	8.669	113	103914m	46.838	ng	
36) 4-Chloro-3-methylphenol	8.769	107	383838	47.184	ng	97
37) 2-Methylnaphthalene	8.939	142	729572	46.359	ng	99
38) 1-Methylnaphthalene	9.039	142	696290	45.727	ng	99
40) 1,2,4,5-Tetrachloroben...	9.104	216	284137	46.007	ng	97
41) Hexachlorocyclopentadiene	9.087	237	390820	112.328	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	203817	45.749	ng	99
44) 2,4,5-Trichlorophenol	9.251	196	217924	46.218	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	855191	45.577	ng	99
47) 2-Chloronaphthalene	9.428	162	630748	45.514	ng	99
48) 2-Nitroaniline	9.528	65	255480	47.522	ng	94
49) Acenaphthylene	9.845	152	1059652	46.922	ng	99
50) Dimethylphthalate	9.704	163	756477	45.187	ng	99
51) 2,6-Dinitrotoluene	9.769	165	164621	48.573	ng	94
52) Acenaphthene	10.022	154	731434m	50.650	ng	
53) 3-Nitroaniline	9.934	138	111526	26.979	ng	92
54) 2,4-Dinitrophenol	10.045	184	162896	84.237	ng	94
55) Dibenzofuran	10.192	168	880877	44.302	ng	99
56) 4-Nitrophenol	10.092	139	283849	95.606	ng	93
57) 2,4-Dinitrotoluene	10.175	165	222663	49.692	ng	92
58) Fluorene	10.534	166	694526	45.538	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.304	232	170212	46.084	ng	99
60) Diethylphthalate	10.404	149	778597	45.091	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	318146	44.500	ng	97
62) 4-Nitroaniline	10.557	138	181177	46.616	ng	96
63) Azobenzene	10.686	77	859620	43.730	ng	99
65) 4,6-Dinitro-2-methylph...	10.581	198	100229	42.250	ng	80
66) n-Nitrosodiphenylamine	10.645	169	601881	44.326	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	202545	44.905	ng	97
68) Hexachlorobenzene	11.081	284	224566	46.226	ng	99
69) Atrazine	11.169	200	204981	49.462	ng	99
70) Pentachlorophenol	11.275	266	253949	94.659	ng	97
71) Phenanthrene	11.498	178	1037155	45.098	ng	99
72) Anthracene	11.551	178	1061886	46.213	ng	100
73) Carbazole	11.704	167	901877	43.119	ng	99
74) Di-n-butylphthalate	12.028	149	1205658	44.712	ng	100
75) Fluoranthene	12.692	202	992971	46.160	ng	98
77) Benzidine	12.810	184	472192	71.201	ng	98
78) Pyrene	12.922	202	999346	43.688	ng	100
80) Butylbenzylphthalate	13.533	149	485855	46.378	ng	96
81) Benzo(a)anthracene	14.110	228	787058	46.098	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	130131	25.592	ng	98
83) Chrysene	14.145	228	729856	45.524	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	627088	46.166	ng	99
85) Di-n-octyl phthalate	14.704	149	904480	48.509	ng	98
87) Indeno(1,2,3-cd)pyrene	17.168	276	636415	45.319	ng	97
88) Benzo(b)fluoranthene	15.180	252	630766	50.134	ng	99
89) Benzo(k)fluoranthene	15.210	252	611743	47.094	ng	99
90) Benzo(a)pyrene	15.563	252	572397	55.752	ng	98
91) Dibenzo(a,h)anthracene	17.186	278	543704	46.619	ng	99
92) Benzo(g,h,i)perylene	17.639	276	528627	45.563	ng	98

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

