

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127050.D
 Acq On : 23 Feb 2022 20:28
 Operator : CG\JU
 Sample : N1628-01MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-3MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/24/2022
 Supervised By : Jagrut Upadhyay 02/24/2022

Quant Time: Feb 24 02:17:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	75901	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	281022	20.000	ng	# 0.01
39) Acenaphthene-d10	9.957	164	112717	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	158029	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	112687	20.000	ng	# 0.02
86) Perylene-d12	15.610	264	85047	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	61672	12.558	ng	0.01
7) Phenol-d6	6.545	99	230962	34.854	ng	0.00
23) Nitrobenzene-d5	7.475	82	232753	37.384	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	9833	7.577	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	333968	43.618	ng	0.00
79) Terphenyl-d14	13.033	244	236970	30.914	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.752	88	33822	15.051	ng	# 90
3) Pyridine	3.522	79	88822	15.069	ng	# 84
4) n-Nitrosodimethylamine	3.475	42	67608	23.415	ng	# 55
6) Aniline	6.575	93	107098	13.641	ng	95
8) 2-Chlorophenol	6.698	128	115042	21.833	ng	99
9) Benzaldehyde	6.469	77	74396	18.444	ng	96
10) Phenol	6.557	94	148426m	22.168	ng	
11) bis(2-Chloroethyl)ether	6.645	93	111467	21.225	ng	99
12) 1,3-Dichlorobenzene	6.857	146	128009	22.521	ng	97
13) 1,4-Dichlorobenzene	6.934	146	129140	22.411	ng	97
14) 1,2-Dichlorobenzene	7.087	146	122512	22.295	ng	95
15) Benzyl Alcohol	7.051	79	128535	23.025	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.187	45	153556	18.569	ng	93
17) 2-Methylphenol	7.163	107	96359	21.137	ng	# 91
18) Hexachloroethane	7.428	117	41933	18.985	ng	# 91
19) n-Nitroso-di-n-propyla...	7.316	70	95229	22.302	ng	96
20) 3+4-Methylphenols	7.316	107	123936	20.936	ng	90
22) Acetophenone	7.322	105	182647	24.685	ng	97
24) Nitrobenzene	7.498	77	136518	23.211	ng	96
25) Isophorone	7.734	82	237164	23.021	ng	# 97
26) 2-Nitrophenol	7.810	139	39838	15.909	ng	# 72
27) 2,4-Dimethylphenol	7.845	122	102976m	25.032	ng	
28) bis(2-Chloroethoxy)met...	7.940	93	134254	21.495	ng	99
29) 2,4-Dichlorophenol	8.057	162	79408	20.531	ng	98
30) 1,2,4-Trichlorobenzene	8.140	180	98194	22.709	ng	98
31) Naphthalene	8.222	128	322414	21.978	ng	99
32) Benzoic acid	7.934	122	17552	6.016	ng	94
33) 4-Chloroaniline	8.269	127	81135	14.051	ng	97
34) Hexachlorobutadiene	8.334	225	63407	25.118	ng	99
35) Caprolactam	8.622	113	20663m	15.299	ng	
36) 4-Chloro-3-methylphenol	8.745	107	97102	19.645	ng	98
37) 2-Methylnaphthalene	8.916	142	202765	21.301	ng	95
38) 1-Methylnaphthalene	9.016	142	185835	20.387	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	82551	27.822	ng	96
41) Hexachlorocyclopentadiene	9.057	237	4160	2.585	ng	87
43) 2,4,6-Trichlorophenol	9.192	196	45150	20.747	ng	98

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44) 2,4,5-Trichlorophenol	9.234	196	46918	20.488	ng	94	02/24/2022
46) 1,1'-Biphenyl	9.375	154	229737	25.725	ng	95	Supervised By : Jagrut Upadhyay
47) 2-Chloronaphthalene	9.404	162	163079	24.625	ng	94	
48) 2-Nitroaniline	9.498	65	62040	23.740	ng	95	
49) Acenaphthylene	9.822	152	252747	23.496	ng	98	
50) Dimethylphthalate	9.669	163	207187	25.716	ng	99	
51) 2,6-Dinitrotoluene	9.734	165	40206	24.528	ng	# 68	02/24/2022
52) Acenaphthene	9.992	154	149634	21.389	ng	97	
53) 3-Nitroaniline	9.904	138	41477	20.700	ng	# 98	
55) Dibenzofuran	10.163	168	213838	22.229	ng	# 86	
56) 4-Nitrophenol	10.069	139	53680	36.272	ng	# 75	
57) 2,4-Dinitrotoluene	10.139	165	47755	21.547	ng	# 97	
58) Fluorene	10.510	166	164850	22.000	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.281	232	33785	18.609	ng	# 96	
60) Diethylphthalate	10.369	149	206373	24.514	ng	98	
61) 4-Chlorophenyl-phenyle...	10.498	204	80391	22.752	ng	98	
62) 4-Nitroaniline	10.516	138	38983	19.702	ng	# 66	
63) Azobenzene	10.657	77	181365	19.347	ng	93	
66) n-Nitrosodiphenylamine	10.616	169	139421	26.905	ng	99	
67) 4-Bromophenyl-phenylether	10.986	248	46459	26.313	ng	# 85	
68) Hexachlorobenzene	11.057	284	47007	24.730	ng	# 93	
69) Atrazine	11.139	200	44522	27.702	ng	96	
70) Pentachlorophenol	11.251	266	34066	32.831	ng	96	
71) Phenanthrene	11.475	178	241312	27.282	ng	98	
72) Anthracene	11.528	178	218195	24.779	ng	100	
73) Carbazole	11.680	167	171208	21.202	ng	98	
74) Di-n-butylphthalate	12.004	149	584133	56.269	ng	99	
75) Fluoranthene	12.669	202	253867	30.228	ng	91	
77) Benzidine	12.786	184	98650	32.214	ng	# 96	
78) Pyrene	12.898	202	242534	24.773	ng	98	
80) Butylbenzylphthalate	13.510	149	271667	58.615	ng	91	
81) Benzo(a)anthracene	14.092	228	195433	25.725	ng	98	
82) 3,3'-Dichlorobenzidine	14.045	252	57309	23.937	ng	98	
83) Chrysene	14.127	228	183492	25.685	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.063	149	176493	29.005	ng	# 97	
85) Di-n-octyl phthalate	14.680	149	249069	28.429	ng	# 79	
87) Indeno(1,2,3-cd)pyrene	17.145	276	117275	21.030	ng	# 81	
88) Benzo(b)fluoranthene	15.163	252	154799	27.100	ng	99	
89) Benzo(k)fluoranthene	15.192	252	140114	25.432	ng	99	
90) Benzo(a)pyrene	15.545	252	133083	29.828	ng	98	
91) Dibenzo(a,h)anthracene	17.162	278	97561	21.153	ng	97	
92) Benzo(g,h,i)perylene	17.615	276	97967	21.546	ng	# 84	

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

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