

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135099.D
 Acq On : 05 Sep 2023 17:13
 Operator : CG\JU
 Sample : 04203-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 01:54:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	103940	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	406686	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	202019	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	327890	20.000	ng	0.00
76) Chrysene-d12	13.957	240	187073	20.000	ng	0.00
86) Perylene-d12	15.427	264	224652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	657324	97.683	ng	0.01
7) Phenol-d6	6.416	99	804353	95.899	ng	0.00
23) Nitrobenzene-d5	7.339	82	508991	70.313	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	198582	92.666	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	852269	68.686	ng	0.00
79) Terphenyl-d14	12.898	244	698607	60.942	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	124685	43.743	ng	99
3) Pyridine	3.316	79	307925	40.071	ng	99
4) n-Nitrosodimethylamine	3.281	42	186052	49.508	ng	96
6) Aniline	6.439	93	351448	33.800	ng	# 88
8) 2-Chlorophenol	6.563	128	348025	50.908	ng	97
9) Benzaldehyde	6.328	77	134350	31.436	ng	94
10) Phenol	6.434	94	414307	47.051	ng	86
11) bis(2-Chloroethyl)ether	6.516	93	323834	48.839	ng	97
12) 1,3-Dichlorobenzene	6.716	146	357763	50.794	ng	99
13) 1,4-Dichlorobenzene	6.792	146	364331	51.682	ng	97
14) 1,2-Dichlorobenzene	6.939	146	344153	52.316	ng	98
15) Benzyl Alcohol	6.922	79	295248	51.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	519418	46.778	ng	98
17) 2-Methylphenol	7.034	107	263335	44.204	ng	97
18) Hexachloroethane	7.281	117	135379	51.843	ng	96
19) n-Nitroso-di-n-propyla...	7.192	70	222792	44.718	ng	98
20) 3+4-Methylphenols	7.186	107	321656	45.768	ng	94
22) Acetophenone	7.186	105	454947	50.293	ng	# 98
24) Nitrobenzene	7.357	77	353602	47.620	ng	98
25) Isophorone	7.598	82	641844	46.765	ng	99
26) 2-Nitrophenol	7.675	139	181200	49.390	ng	98
27) 2,4-Dimethylphenol	7.716	122	265634	44.973	ng	94
28) bis(2-Chloroethoxy)met...	7.810	93	388037	46.869	ng	98
29) 2,4-Dichlorophenol	7.916	162	268933	47.907	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	302984	49.944	ng	99
31) Naphthalene	8.075	128	949885	47.814	ng	99
32) Benzoic acid	7.851	122	209316	44.301	ng	93
33) 4-Chloroaniline	8.128	127	250776	28.860	ng	97
34) Hexachlorobutadiene	8.192	225	170142	49.420	ng	98
35) Caprolactam	8.504	113	85743m	46.649	ng	
36) 4-Chloro-3-methylphenol	8.616	107	291544	47.816	ng	94
37) 2-Methylnaphthalene	8.769	142	592885	44.728	ng	99
38) 1-Methylnaphthalene	8.869	142	566780	45.698	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	278268	49.205	ng	99
41) Hexachlorocyclopentadiene	8.916	237	153620	63.822	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	182279	47.994	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	197521	44.921	ng	# 92
46) 1,1'-Biphenyl	9.233	154	746898	48.391	ng	98
47) 2-Chloronaphthalene	9.257	162	568698	48.997	ng	96
48) 2-Nitroaniline	9.357	65	191875	48.292	ng	88
49) Acenaphthylene	9.675	152	849755	48.431	ng	99
50) Dimethylphthalate	9.545	163	681225	48.158	ng	99
51) 2,6-Dinitrotoluene	9.604	165	148941	47.985	ng	98
52) Acenaphthene	9.845	154	527573	47.184	ng	98
53) 3-Nitroaniline	9.775	138	128738	35.606	ng	98
54) 2,4-Dinitrophenol	9.886	184	86691	58.439	ng	# 87
55) Dibenzofuran	10.022	168	744735	46.173	ng	99
56) 4-Nitrophenol	9.945	139	202090	79.513	ng	93
57) 2,4-Dinitrotoluene	10.010	165	185106	47.854	ng	# 95
58) Fluorene	10.363	166	574741	46.740	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	154085	45.508	ng	98
60) Diethylphthalate	10.245	149	634036	47.615	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	283445	46.602	ng	98
62) 4-Nitroaniline	10.392	138	139174	39.339	ng	97
63) Azobenzene	10.516	77	609663	45.471	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	67788	34.159	ng	94
66) n-Nitrosodiphenylamine	10.480	169	524531	51.449	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	176161	50.653	ng	95
68) Hexachlorobenzene	10.910	284	191356	53.212	ng	93
70) Pentachlorophenol	11.110	266	150264	69.068	ng	98
71) Phenanthrene	11.327	178	816755	48.283	ng	99
72) Anthracene	11.380	178	818967	47.385	ng	99
73) Carbazole	11.539	167	670187	44.958	ng	99
74) Di-n-butylphthalate	11.874	149	897065	49.921	ng	100
75) Fluoranthene	12.521	202	686591	40.145	ng	100
77) Benzidine	12.651	184	213146	63.206	ng	98
78) Pyrene	12.751	202	677330	38.134	ng	100
80) Butylbenzylphthalate	13.380	149	282817	44.076	ng	97
81) Benzo(a)anthracene	13.951	228	607560	47.611	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	221329	57.479	ng	100
83) Chrysene	13.986	228	585556	46.692	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	350573	52.793	ng	99
85) Di-n-octyl phthalate	14.562	149	671760	66.276	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	609797	40.299	ng	98
88) Benzo(b)fluoranthene	15.004	252	684562	48.973	ng	98
89) Benzo(k)fluoranthene	15.033	252	621545	46.026	ng	99
90) Benzo(a)pyrene	15.368	252	582621	44.868	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	519194	42.364	ng	98
92) Benzo(g,h,i)perylene	17.362	276	452826	35.525	ng	96

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

