

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135572.D
 Acq On : 04 Oct 2023 15:34
 Operator : CG\JU
 Sample : 04627-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 04 23:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	126968	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	489716	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	256527	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	493783	20.000	ng	0.00
76) Chrysene-d12	13.927	240	263807	20.000	ng	0.00
86) Perylene-d12	15.386	264	275177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	680047	87.113	ng	0.00
7) Phenol-d6	6.393	99	862952	86.935	ng	0.00
23) Nitrobenzene-d5	7.304	82	540410	59.953	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	203027	79.642	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	988553	58.140	ng	0.00
79) Terphenyl-d14	12.863	244	985197	57.892	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	163726	47.842	ng	97
3) Pyridine	3.258	79	391455	42.501	ng	95
4) n-Nitrosodimethylamine	3.228	42	245538	50.237	ng	99
6) Aniline	6.410	93	372037	28.581	ng	# 57
8) 2-Chlorophenol	6.528	128	422283	50.673	ng	99
9) Benzaldehyde	6.299	77	90627	16.026	ng	97
10) Phenol	6.404	94	527011	48.418	ng	98
11) bis(2-Chloroethyl)ether	6.481	93	424419	51.982	ng	99
12) 1,3-Dichlorobenzene	6.675	146	404996	47.820	ng	100
13) 1,4-Dichlorobenzene	6.757	146	412458	47.868	ng	98
14) 1,2-Dichlorobenzene	6.904	146	389170	48.635	ng	99
15) Benzyl Alcohol	6.893	79	335348	47.079	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	729720	47.416	ng	76
17) 2-Methylphenol	7.004	107	332134	45.164	ng	95
18) Hexachloroethane	7.240	117	153744	48.290	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	274902	44.711	ng	95
20) 3+4-Methylphenols	7.163	107	422210	47.746	ng	# 67
22) Acetophenone	7.151	105	542985	48.497	ng	92
24) Nitrobenzene	7.322	77	449580	50.462	ng	98
25) Isophorone	7.563	82	806725	48.740	ng	99
26) 2-Nitrophenol	7.640	139	225974	52.847	ng	100
27) 2,4-Dimethylphenol	7.681	122	306769	42.682	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	505513	51.027	ng	99
29) 2,4-Dichlorophenol	7.887	162	340826	51.176	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	342706	49.231	ng	96
31) Naphthalene	8.040	128	1143412	48.055	ng	100
32) Benzoic acid	7.834	122	255078	47.131	ng	98
33) 4-Chloroaniline	8.110	127	118269	11.329	ng	98
34) Hexachlorobutadiene	8.151	225	192090	45.764	ng	100
35) Caprolactam	8.475	113	105873m	47.367	ng	
36) 4-Chloro-3-methylphenol	8.598	107	370829	50.099	ng	96
37) 2-Methylnaphthalene	8.734	142	745712	46.624	ng	99
38) 1-Methylnaphthalene	8.828	142	714895	47.741	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	349846	47.074	ng	99
41) Hexachlorocyclopentadiene	8.881	237	147881	48.375	ng	100
43) 2,4,6-Trichlorophenol	9.016	196	237182	48.744	ng	100

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44) 2,4,5-Trichlorophenol	9.069	196	251175	44.824	ng	99
46) 1,1'-Biphenyl	9.198	154	948229	48.100	ng	98
47) 2-Chloronaphthalene	9.222	162	703397	49.177	ng	99
48) 2-Nitroaniline	9.334	65	282880	50.907	ng	98
49) Acenaphthylene	9.639	152	1143103	48.088	ng	99
50) Dimethylphthalate	9.504	163	840729	48.474	ng	99
51) 2,6-Dinitrotoluene	9.575	165	192576	50.685	ng	92
52) Acenaphthene	9.810	154	672768	47.908	ng	98
53) 3-Nitroaniline	9.745	138	148341	33.261	ng	98
54) 2,4-Dinitrophenol	9.863	184	183590	84.717	ng	92
55) Dibenzofuran	9.981	168	955871	44.606	ng	98
56) 4-Nitrophenol	9.934	139	221143	78.018	ng	94
57) 2,4-Dinitrotoluene	9.986	165	220323	46.320	ng	88
58) Fluorene	10.328	166	784412	47.616	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	202596	47.000	ng	100
60) Diethylphthalate	10.204	149	844143	48.497	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	367717	46.467	ng	97
62) 4-Nitroaniline	10.369	138	190575	44.453	ng	97
63) Azobenzene	10.481	77	842036	49.429	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	125887	48.000	ng	96
66) n-Nitrosodiphenylamine	10.445	169	703866	47.084	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	231419	47.122	ng	96
68) Hexachlorobenzene	10.875	284	246312	49.231	ng	# 88
69) Atrazine	10.981	200	209788	52.155	ng	98
70) Pentachlorophenol	11.081	266	203376	67.941	ng	97
71) Phenanthrene	11.292	178	1127795	48.292	ng	99
72) Anthracene	11.345	178	1128122	46.995	ng	100
73) Carbazole	11.510	167	1031129	47.186	ng	99
74) Di-n-butylphthalate	11.833	149	1328872	51.607	ng	100
75) Fluoranthene	12.486	202	1185870	48.732	ng	98
77) Benzidine	12.628	184	102365	18.940	ng	99
78) Pyrene	12.722	202	1192807	47.491	ng	99
80) Butylbenzylphthalate	13.339	149	478019	54.056	ng	96
81) Benzo(a)anthracene	13.916	228	820116	48.144	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	237350	44.607	ng	# 99
83) Chrysene	13.951	228	796690	47.040	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	615071	67.780	ng	98
85) Di-n-octyl phthalate	14.522	149	925888	64.203	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	809945	44.891	ng	97
88) Benzo(b)fluoranthene	14.963	252	743739	49.928	ng	# 97
89) Benzo(k)fluoranthene	14.992	252	639825	43.481	ng	# 98
90) Benzo(a)pyrene	15.327	252	648026	45.618	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	659562	44.678	ng	99
92) Benzo(g,h,i)perylene	17.315	276	684231	44.380	ng	100

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

