

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135573.D
 Acq On : 04 Oct 2023 16:07
 Operator : CG\JU
 Sample : 04627-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 23:12:50 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	136400	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	523532	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	273453	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	519285	20.000	ng	0.00
76) Chrysene-d12	13.927	240	257355	20.000	ng	0.00
86) Perylene-d12	15.386	264	275993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	736431	87.813	ng	0.01
7) Phenol-d6	6.393	99	877835	82.319	ng	0.00
23) Nitrobenzene-d5	7.304	82	576170	59.792	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	205240	75.526	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1020019	56.277	ng	0.00
79) Terphenyl-d14	12.863	244	1005873	60.589	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	175712	47.794	ng	97
3) Pyridine	3.257	79	433235	43.785	ng	98
4) n-Nitrosodimethylamine	3.234	42	265064	50.482	ng	99
6) Aniline	6.410	93	384421	27.491	ng	# 43
8) 2-Chlorophenol	6.528	128	450519	50.323	ng	99
9) Benzaldehyde	6.298	77	94554	15.565	ng	96
10) Phenol	6.404	94	529658	45.296	ng	97
11) bis(2-Chloroethyl)ether	6.481	93	445438	50.784	ng	99
12) 1,3-Dichlorobenzene	6.675	146	431806	47.460	ng	98
13) 1,4-Dichlorobenzene	6.757	146	434540	46.944	ng	98
14) 1,2-Dichlorobenzene	6.904	146	410079	47.704	ng	99
15) Benzyl Alcohol	6.893	79	360711	47.138	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	761015	46.030	ng	71
17) 2-Methylphenol	7.010	107	346158	43.816	ng	# 91
18) Hexachloroethane	7.240	117	165359	48.347	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	287491	43.525	ng	95
20) 3+4-Methylphenols	7.163	107	428975	45.156	ng	# 68
22) Acetophenone	7.151	105	568524	47.499	ng	92
24) Nitrobenzene	7.328	77	475323	49.906	ng	97
25) Isophorone	7.563	82	854678	48.301	ng	98
26) 2-Nitrophenol	7.640	139	240538	52.620	ng	99
27) 2,4-Dimethylphenol	7.687	122	325711	42.390	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	535410	50.554	ng	99
29) 2,4-Dichlorophenol	7.887	162	359586	50.505	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	360908	48.497	ng	97
31) Naphthalene	8.039	128	1212513	47.668	ng	99
32) Benzoic acid	7.840	122	266961	46.140	ng	97
33) 4-Chloroaniline	8.110	127	118498	10.618	ng	97
34) Hexachlorobutadiene	8.151	225	202883	45.213	ng	99
35) Caprolactam	8.481	113	118733m	49.689	ng	
36) 4-Chloro-3-methylphenol	8.598	107	401548	50.745	ng	99
37) 2-Methylnaphthalene	8.734	142	777180	45.453	ng	98
38) 1-Methylnaphthalene	8.828	142	748036	46.728	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	370753	46.799	ng	100
41) Hexachlorocyclopentadiene	8.881	237	158631	48.633	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	244132	47.066	ng	99

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44) 2,4,5-Trichlorophenol	9.069	196	263323	44.083	ng	98
46) 1,1'-Biphenyl	9.198	154	982043	46.732	ng	97
47) 2-Chloronaphthalene	9.222	162	722485	47.385	ng	99
48) 2-Nitroaniline	9.334	65	296903	50.123	ng	100
49) Acenaphthylene	9.639	152	1180330	46.580	ng	100
50) Dimethylphthalate	9.504	163	875278	47.343	ng	100
51) 2,6-Dinitrotoluene	9.575	165	201236	49.686	ng	97
52) Acenaphthene	9.810	154	700476	46.794	ng	98
53) 3-Nitroaniline	9.745	138	155806	32.772	ng	98
54) 2,4-Dinitrophenol	9.863	184	194522	84.243	ng	91
55) Dibenzofuran	9.986	168	986176	43.172	ng	99
56) 4-Nitrophenol	9.933	139	235349	77.890	ng	95
57) 2,4-Dinitrotoluene	9.986	165	223922	44.162	ng	# 84
58) Fluorene	10.328	166	798581	45.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	210878	45.893	ng	99
60) Diethylphthalate	10.204	149	864188	46.575	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	372399	44.146	ng	94
62) 4-Nitroaniline	10.369	138	204839	44.823	ng	97
63) Azobenzene	10.480	77	883217	48.637	ng	96
65) 4,6-Dinitro-2-methylph...	10.398	198	134130	48.632	ng	99
66) n-Nitrosodiphenylamine	10.445	169	735794	46.803	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	236816	45.853	ng	96
68) Hexachlorobenzene	10.875	284	255424	48.545	ng	# 89
69) Atrazine	10.980	200	218320	51.611	ng	98
70) Pentachlorophenol	11.080	266	208987	66.387	ng	99
71) Phenanthrene	11.292	178	1146966	46.701	ng	98
72) Anthracene	11.345	178	1172684	46.452	ng	99
73) Carbazole	11.510	167	1122974	48.865	ng	99
74) Di-n-butylphthalate	11.833	149	1350780	49.882	ng	99
75) Fluoranthene	12.492	202	1192013	46.579	ng	99
77) Benzidine	12.622	184	142661	27.058	ng	99
78) Pyrene	12.722	202	1204241	49.148	ng	99
80) Butylbenzylphthalate	13.339	149	498337	57.766	ng	95
81) Benzo(a)anthracene	13.916	228	807256	48.577	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	229516	44.217	ng	# 98
83) Chrysene	13.951	228	798668	48.339	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	604506	68.286	ng	99
85) Di-n-octyl phthalate	14.516	149	952825	67.728	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	833371	46.053	ng	98
88) Benzo(b)fluoranthene	14.963	252	768621	51.445	ng	# 96
89) Benzo(k)fluoranthene	14.992	252	670069	45.402	ng	# 98
90) Benzo(a)pyrene	15.327	252	672268	47.184	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	683613	46.170	ng	99
92) Benzo(g,h,i)perylene	17.315	276	676284	43.735	ng	98

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

