

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132046.D
 Acq On : 12 Jan 2023 17:42
 Operator : CG\JU
 Sample : 01084-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 01:35:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	77503	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	291279	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	172159	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	322691	20.000	ng	0.00
76) Chrysene-d12	13.962	240	149817	20.000	ng	0.00
86) Perylene-d12	15.415	264	152786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	570391	121.270	ng	0.03
7) Phenol-d6	6.428	99	688457	110.396	ng	0.00
23) Nitrobenzene-d5	7.351	82	575671	82.026	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	244945	123.744	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1051496	82.452	ng	0.00
79) Terphenyl-d14	12.904	244	1081348	103.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	79206	38.557	ng	# 83
3) Pyridine	3.434	79	194700m	33.771	ng	
4) n-Nitrosodimethylamine	3.304	42	117551	43.384	ng	97
6) Aniline	6.439	93	93871	11.440	ng	# 1
8) 2-Chlorophenol	6.563	128	209053	44.300	ng	99
9) Benzaldehyde	6.328	77	102542	24.712	ng	98
10) Phenol	6.439	94	251477	36.148	ng	91
11) bis(2-Chloroethyl)ether	6.516	93	232160	44.269	ng	98
12) 1,3-Dichlorobenzene	6.710	146	222709	42.371	ng	98
13) 1,4-Dichlorobenzene	6.792	146	226676	42.622	ng	97
14) 1,2-Dichlorobenzene	6.939	146	216361	42.835	ng	99
15) Benzyl Alcohol	6.928	79	239408	44.085	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	279927	42.296	ng	# 26
17) 2-Methylphenol	7.045	107	186444	39.923	ng	# 91
18) Hexachloroethane	7.281	117	93521	42.522	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	192475	42.666	ng	98
20) 3+4-Methylphenols	7.198	107	240417	40.099	ng	98
22) Acetophenone	7.192	105	361385	42.612	ng	93
24) Nitrobenzene	7.369	77	291248	40.763	ng	98
25) Isophorone	7.610	82	532125	40.586	ng	99
26) 2-Nitrophenol	7.681	139	118384	42.110	ng	98
27) 2,4-Dimethylphenol	7.728	122	198332	42.266	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	295130	40.672	ng	98
29) 2,4-Dichlorophenol	7.933	162	202876	42.209	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	231231	42.006	ng	99
31) Naphthalene	8.086	128	628242	40.812	ng	100
32) Benzoic acid	7.875	122	81860	30.090	ng	96
33) 4-Chloroaniline	8.139	127	45481	7.160	ng	97
34) Hexachlorobutadiene	8.192	225	154074	40.370	ng	98
35) Caprolactam	8.533	113	47621m	33.734	ng	
36) 4-Chloro-3-methylphenol	8.645	107	238206	42.226	ng	98
37) 2-Methylnaphthalene	8.780	142	444257	40.184	ng	100
38) 1-Methylnaphthalene	8.880	142	408568	39.889	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	253991	41.868	ng	98
41) Hexachlorocyclopentadiene	8.927	237	162860	56.578	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	155401	42.557	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	167086	39.304	ng	98
46) 1,1'-Biphenyl	9.245	154	563931	42.439	ng	98
47) 2-Chloronaphthalene	9.269	162	451222	43.751	ng	100
48) 2-Nitroaniline	9.380	65	158537	42.322	ng	93
49) Acenaphthylene	9.686	152	669128	41.810	ng	100
50) Dimethylphthalate	9.557	163	561070	41.810	ng	100
51) 2,6-Dinitrotoluene	9.622	165	118635	42.033	ng	90
52) Acenaphthene	9.857	154	403927	42.046	ng	99
53) 3-Nitroaniline	9.792	138	44720	16.331	ng	96
54) 2,4-Dinitrophenol	9.904	184	79292	55.952	ng	93
55) Dibenzofuran	10.033	168	620520	40.977	ng	99
56) 4-Nitrophenol	9.974	139	110476	71.627	ng	95
57) 2,4-Dinitrotoluene	10.027	165	156547	41.485	ng	86
58) Fluorene	10.374	166	506085	41.836	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	121669m	38.410	ng	
60) Diethylphthalate	10.257	149	542980	41.148	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	278507	40.218	ng	99
62) 4-Nitroaniline	10.416	138	91332	37.093	ng	94
63) Azobenzene	10.527	77	572310	40.885	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	69388	33.344	ng	85
66) n-Nitrosodiphenylamine	10.492	169	428898	42.365	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	165903	41.098	ng	99
68) Hexachlorobenzene	10.921	284	180249	44.140	ng	96
69) Atrazine	11.027	200	161167	43.777	ng	97
70) Pentachlorophenol	11.127	266	134478	62.748	ng	96
71) Phenanthrene	11.339	178	705194	41.921	ng	99
72) Anthracene	11.392	178	717242	41.417	ng	99
73) Carbazole	11.551	167	596666	41.617	ng	99
74) Di-n-butylphthalate	11.874	149	794088	39.778	ng	99
75) Fluoranthene	12.533	202	695886	36.783	ng	99
77) Benzidine	12.657	184	60330	12.121	ng	97
78) Pyrene	12.763	202	680096	49.772	ng	99
80) Butylbenzylphthalate	13.380	149	252646	45.807	ng	92
81) Benzo(a)anthracene	13.951	228	455866	41.824	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	57162	16.804	ng	100
83) Chrysene	13.986	228	423070	41.533	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	336204	44.994	ng	100
85) Di-n-octyl phthalate	14.551	149	494510	48.362	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	491578	52.461	ng	99
88) Benzo(b)fluoranthene	14.998	252	426563	40.705	ng	99
89) Benzo(k)fluoranthene	15.027	252	405326	38.756	ng	99
90) Benzo(a)pyrene	15.356	252	371893	39.388	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	414782	52.805	ng	97
92) Benzo(g,h,i)perylene	17.321	276	401264	47.729	ng	99

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

