

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132524.D
 Acq On : 23 Feb 2023 17:08
 Operator : CG\JU
 Sample : 01657-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02MSD

Quant Time: Feb 24 00:38:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/24/2023
 Supervised By : Jagrut Upadhyay 02/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	172340	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	660041	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	366933	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	694008	20.000	ng	0.00
76) Chrysene-d12	14.213	240	331401	20.000	ng	0.00
86) Perylene-d12	15.760	264	347220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1085042	102.181	ng	0.01
7) Phenol-d6	6.643	99	1426254	102.916	ng	0.00
23) Nitrobenzene-d5	7.578	82	954012	68.575	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	417091	105.254	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1536383	63.755	ng	0.00
79) Terphenyl-d14	13.142	244	1711024	87.293	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.984	88	252981	43.069	ng	Qvalue
3) Pyridine	3.731	79	642338	41.198	ng	99
4) n-Nitrosodimethylamine	3.696	42	285711	48.513	ng	99
6) Aniline	6.672	93	676518	36.274	ng	99
8) 2-Chlorophenol	6.796	128	563965	51.172	ng	99
9) Benzaldehyde	6.560	77	330853	44.243	ng	96
10) Phenol	6.654	94	740721	46.620	ng	98
11) bis(2-Chloroethyl)ether	6.743	93	599741	48.896	ng	97
12) 1,3-Dichlorobenzene	6.948	146	586781	49.614	ng	97
13) 1,4-Dichlorobenzene	7.025	146	582823	49.352	ng	98
14) 1,2-Dichlorobenzene	7.178	146	564390	49.798	ng	98
15) Benzyl Alcohol	7.154	79	537865	50.395	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	782031	49.999	ng	96
17) 2-Methylphenol	7.260	107	469721	45.668	ng	99
18) Hexachloroethane	7.525	117	234252	50.773	ng	95
19) n-Nitroso-di-n-propyla...	7.425	70	399109	46.794	ng	98
20) 3+4-Methylphenols	7.413	107	545483	41.050	ng	95
22) Acetophenone	7.419	105	741391	44.546	ng	# 94
24) Nitrobenzene	7.595	77	670953	45.095	ng	95
25) Isophorone	7.831	82	1215307	45.564	ng	98
26) 2-Nitrophenol	7.913	139	304882	46.443	ng	98
27) 2,4-Dimethylphenol	7.943	122	472785	45.631	ng	97
28) bis(2-Chloroethoxy)met...	8.037	93	714407	45.787	ng	100
29) 2,4-Dichlorophenol	8.154	162	475038	46.091	ng	98
30) 1,2,4-Trichlorobenzene	8.237	180	523026	46.734	ng	98
31) Naphthalene	8.319	128	1498255	44.340	ng	99
32) Benzoic acid	8.072	122	359292m	44.325	ng	
33) 4-Chloroaniline	8.360	127	169135	11.681	ng	97
34) Hexachlorobutadiene	8.431	225	340846	47.928	ng	99
35) Caprolactam	8.754	113	166386m	48.968	ng	
36) 4-Chloro-3-methylphenol	8.854	107	537519	47.489	ng	98
37) 2-Methylnaphthalene	9.013	142	1011445	43.923	ng	99
38) 1-Methylnaphthalene	9.113	142	932696	43.341	ng	99
40) 1,2,4,5-Tetrachloroben...	9.178	216	539152	44.910	ng	99
41) Hexachlorocyclopentadiene	9.166	237	640387	98.347	ng	98
43) 2,4,6-Trichlorophenol	9.290	196	372584	45.795	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.337	196	408645	43.035	ng	98
46) 1,1'-Biphenyl	9.478	154	1216535	43.803	ng	99
47) 2-Chloronaphthalene	9.507	162	992541	45.076	ng	99
48) 2-Nitroaniline	9.601	65	352982	43.525	ng	100
49) Acenaphthylene	9.925	152	1525030	43.517	ng	99
50) Dimethylphthalate	9.778	163	1208591	45.236	ng	100
51) 2,6-Dinitrotoluene	9.842	165	275472	45.274	ng	98
52) Acenaphthene	10.095	154	1088680m	48.924	ng	
53) 3-Nitroaniline	10.013	138	171891	25.254	ng	99
54) 2,4-Dinitrophenol	10.119	184	307968	80.312	ng	92
55) Dibenzofuran	10.266	168	1407739	43.394	ng	97
56) 4-Nitrophenol	10.184	139	422815	83.298	ng	95
57) 2,4-Dinitrotoluene	10.248	165	371445	45.887	ng	97
58) Fluorene	10.613	166	1094119	44.093	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.384	232	333263	47.246	ng	99
60) Diethylphthalate	10.478	149	1192703	45.709	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	563199	43.751	ng	97
62) 4-Nitroaniline	10.636	138	283048	42.365	ng	97
63) Azobenzene	10.760	77	1324600	47.932	ng	96
65) 4,6-Dinitro-2-methylph...	10.660	198	213108	45.361	ng	98
66) n-Nitrosodiphenylamine	10.719	169	973324	44.986	ng	100
67) 4-Bromophenyl-phenylether	11.095	248	363819	46.345	ng	97
68) Hexachlorobenzene	11.160	284	402316	48.704	ng	# 90
69) Atrazine	11.248	200	338831	50.163	ng	98
70) Pentachlorophenol	11.360	266	412313	83.895	ng	98
71) Phenanthrene	11.583	178	1609630	44.770	ng	99
72) Anthracene	11.636	178	1635832	44.184	ng	100
73) Carbazole	11.789	167	1460205	43.744	ng	100
74) Di-n-butylphthalate	12.107	149	1823037	46.559	ng	100
75) Fluoranthene	12.778	202	1671904	42.538	ng	98
77) Benzidine	12.895	184	593397	73.556	ng	99
78) Pyrene	13.007	202	1662980	55.193	ng	100
80) Butylbenzylphthalate	13.613	149	627936	52.812	ng	95
81) Benzo(a)anthracene	14.201	228	1145012	46.177	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	195672	26.766	ng	# 98
83) Chrysene	14.236	228	1064833	45.923	ng	99
84) Bis(2-ethylhexyl)phtha...	14.172	149	766170	52.455	ng	100
85) Di-n-octyl phthalate	14.795	149	1122499	52.590	ng	100
87) Indeno(1,2,3-cd)pyrene	17.371	276	1261336	55.440	ng	99
88) Benzo(b)fluoranthene	15.301	252	1028931	44.219	ng	99
89) Benzo(k)fluoranthene	15.330	252	1007203	44.228	ng	98
90) Benzo(a)pyrene	15.695	252	943960	43.345	ng	100
91) Dibenzo(a,h)anthracene	17.395	278	1033684	55.763	ng	97
92) Benzo(g,h,i)perylene	17.865	276	1054625	50.264	ng	99

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

