

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022423\
 Data File : BF132543.D
 Acq On : 24 Feb 2023 16:55
 Operator : CG\JU
 Sample : 01671-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

Quant Time: Feb 24 23:18:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	171445	20.000	ng	0.00
21) Naphthalene-d8	8.290	136	629632	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	338722	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	591231	20.000	ng	0.00
76) Chrysene-d12	14.207	240	313330	20.000	ng	0.00
86) Perylene-d12	15.754	264	368630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1211390	114.675	ng	0.01
7) Phenol-d6	6.637	99	1596379	115.793	ng	0.00
23) Nitrobenzene-d5	7.572	82	1084679	81.733	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	437581	119.621	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1663601	74.784	ng	0.00
79) Terphenyl-d14	13.136	244	1584756	85.514	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.955	88	234338	40.103	ng	99
3) Pyridine	3.708	79	586638	37.822	ng	100
4) n-Nitrosodimethylamine	3.672	42	274812	46.906	ng	96
6) Aniline	6.666	93	520715	28.066	ng	99
8) 2-Chlorophenol	6.790	128	527124	48.079	ng	97
9) Benzaldehyde	6.554	77	305159	41.020	ng	95
10) Phenol	6.649	94	699615	44.263	ng	95
11) bis(2-Chloroethyl)ether	6.737	93	559177	45.827	ng	100
12) 1,3-Dichlorobenzene	6.949	146	557610	47.394	ng	99
13) 1,4-Dichlorobenzene	7.025	146	555755	47.306	ng	98
14) 1,2-Dichlorobenzene	7.178	146	538458	47.758	ng	98
15) Benzyl Alcohol	7.149	79	530600	49.973	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.278	45	736352	47.324	ng	99
17) 2-Methylphenol	7.254	107	449759	43.955	ng	98
18) Hexachloroethane	7.519	117	223162	48.622	ng	96
19) n-Nitroso-di-n-propyla...	7.419	70	377868	44.535	ng	99
20) 3+4-Methylphenols	7.407	107	526009	39.791	ng	90
22) Acetophenone	7.413	105	709957	44.717	ng	96
24) Nitrobenzene	7.590	77	642550	45.272	ng	94
25) Isophorone	7.831	82	1155819	45.427	ng	100
26) 2-Nitrophenol	7.907	139	290707	46.422	ng	98
27) 2,4-Dimethylphenol	7.937	122	444690	44.993	ng	93
28) bis(2-Chloroethoxy)met...	8.031	93	671591	45.121	ng	100
29) 2,4-Dichlorophenol	8.148	162	447526	45.519	ng	97
30) 1,2,4-Trichlorobenzene	8.231	180	503094	47.124	ng	99
31) Naphthalene	8.313	128	1420607	44.073	ng	100
32) Benzoic acid	8.072	122	357001m	46.010	ng	
33) 4-Chloroaniline	8.354	127	84977	6.152	ng	96
34) Hexachlorobutadiene	8.425	225	334373	49.289	ng	99
35) Caprolactam	8.748	113	151422m	46.717	ng	
36) 4-Chloro-3-methylphenol	8.848	107	499290	46.242	ng	96
37) 2-Methylnaphthalene	9.007	142	945929	43.062	ng	99
38) 1-Methylnaphthalene	9.107	142	878285	42.783	ng	100
40) 1,2,4,5-Tetrachloroben...	9.172	216	514312	46.409	ng	99
41) Hexachlorocyclopentadiene	9.160	237	583358	97.050	ng	99
43) 2,4,6-Trichlorophenol	9.284	196	344981	45.934	ng	98

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44) 2,4,5-Trichlorophenol	9.331	196	372181	42.459	ng	97
46) 1,1'-Biphenyl	9.472	154	1151251	44.905	ng	99
47) 2-Chloronaphthalene	9.501	162	922395	45.379	ng	99
48) 2-Nitroaniline	9.595	65	322331	43.056	ng	99
49) Acenaphthylene	9.919	152	1398727	43.237	ng	99
50) Dimethylphthalate	9.772	163	1133083	45.942	ng	100
51) 2,6-Dinitrotoluene	9.837	165	254651	45.337	ng	98
52) Acenaphthene	10.089	154	1006739m	49.009	ng	
53) 3-Nitroaniline	10.007	138	155011	24.671	ng	98
54) 2,4-Dinitrophenol	10.113	184	290146	81.928	ng	92
55) Dibenzofuran	10.266	168	1290090	43.080	ng	100
56) 4-Nitrophenol	10.172	139	365164	77.931	ng	85
57) 2,4-Dinitrotoluene	10.242	165	338382	45.284	ng	94
58) Fluorene	10.607	166	982380	42.887	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.378	232	306216	47.027	ng	99
60) Diethylphthalate	10.472	149	1103975	45.832	ng	99
61) 4-Chlorophenyl-phenyle...	10.595	204	520156	43.773	ng	99
62) 4-Nitroaniline	10.631	138	238002	38.589	ng	94
63) Azobenzene	10.754	77	1499051	58.763	ng	95
65) 4,6-Dinitro-2-methylph...	10.654	198	190927	47.704	ng	99
66) n-Nitrosodiphenylamine	10.713	169	879404	47.711	ng	100
67) 4-Bromophenyl-phenylether	11.089	248	325791	48.715	ng	99
68) Hexachlorobenzene	11.154	284	359768	51.125	ng	# 89
69) Atrazine	11.242	200	302672	52.599	ng	98
70) Pentachlorophenol	11.354	266	354284	84.619	ng	98
71) Phenanthrene	11.578	178	1380864	45.084	ng	99
72) Anthracene	11.631	178	1393469	44.180	ng	100
73) Carbazole	11.784	167	1182645	41.588	ng	100
74) Di-n-butylphthalate	12.101	149	1576657	47.266	ng	99
75) Fluoranthene	12.772	202	1321547	39.469	ng	98
77) Benzidine	12.883	184	408263	53.526	ng	100
78) Pyrene	13.001	202	1303689	45.764	ng	100
80) Butylbenzylphthalate	13.607	149	538092	47.866	ng	95
81) Benzo(a)anthracene	14.195	228	1065995	45.470	ng	98
82) 3,3'-Dichlorobenzidine	14.154	252	202409	29.285	ng	# 97
83) Chrysene	14.230	228	998672	45.553	ng	99
84) Bis(2-ethylhexyl)phtha...	14.166	149	706339	51.148	ng	100
85) Di-n-octyl phthalate	14.789	149	1174451	58.198	ng	100
87) Indeno(1,2,3-cd)pyrene	17.360	276	1078591	44.654	ng	98
88) Benzo(b)fluoranthene	15.295	252	1117431	45.233	ng	100
89) Benzo(k)fluoranthene	15.324	252	1096740	45.362	ng	100
90) Benzo(a)pyrene	15.689	252	1009257	43.652	ng	99
91) Dibenzo(a,h)anthracene	17.377	278	884179	44.928	ng	98
92) Benzo(g,h,i)perylene	17.848	276	834711	37.883	ng	99

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

