

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135041.D
 Acq On : 31 Aug 2023 14:51
 Operator : CG\JU
 Sample : PB155118BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 16:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	119885	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	502608	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	263579	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	490053	20.000	ng	0.00
76) Chrysene-d12	13.963	240	284764	20.000	ng	0.00
86) Perylene-d12	15.427	264	238130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	987968	127.291	ng	0.02
7) Phenol-d6	6.422	99	1213616	125.449	ng	0.00
23) Nitrobenzene-d5	7.340	82	787513	88.027	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	341313	122.071	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1347081	83.208	ng	0.00
79) Terphenyl-d14	12.904	244	1529984	87.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	120126	36.538	ng	98
3) Pyridine	3.328	79	322344	36.368	ng	99
4) n-Nitrosodimethylamine	3.287	42	206151	47.560	ng	97
6) Aniline	6.440	93	480245	40.044	ng	# 88
8) 2-Chlorophenol	6.563	128	392322	49.755	ng	98
9) Benzaldehyde	6.328	77	242319	49.158	ng	100
10) Phenol	6.434	94	473198	46.592	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	361950	47.327	ng	99
12) 1,3-Dichlorobenzene	6.716	146	391610	48.205	ng	100
13) 1,4-Dichlorobenzene	6.793	146	399598	49.146	ng	99
14) 1,2-Dichlorobenzene	6.940	146	384585	50.687	ng	98
15) Benzyl Alcohol	6.922	79	336063	50.704	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	605130	47.249	ng	100
17) 2-Methylphenol	7.034	107	308961	44.965	ng	97
18) Hexachloroethane	7.281	117	150521	49.975	ng	96
19) n-Nitroso-di-n-propyla...	7.193	70	258382	44.964	ng	95
20) 3+4-Methylphenols	7.187	107	366033	45.155	ng	98
22) Acetophenone	7.187	105	511531	45.756	ng	# 99
24) Nitrobenzene	7.357	77	410617	44.744	ng	96
25) Isophorone	7.598	82	743450	43.830	ng	100
26) 2-Nitrophenol	7.675	139	213630	47.117	ng	99
27) 2,4-Dimethylphenol	7.716	122	341402	46.769	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	444404	43.433	ng	99
29) 2,4-Dichlorophenol	7.916	162	316644	45.641	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	345561	46.092	ng	100
31) Naphthalene	8.075	128	1108904	45.165	ng	99
32) Benzoic acid	7.851	122	273120	46.773	ng	100
33) 4-Chloroaniline	8.128	127	381629	35.537	ng	97
34) Hexachlorobutadiene	8.192	225	194047	45.607	ng	99
35) Caprolactam	8.504	113	111713m	49.179	ng	
36) 4-Chloro-3-methylphenol	8.616	107	354984	47.109	ng	95
37) 2-Methylnaphthalene	8.769	142	715656	43.686	ng	100
38) 1-Methylnaphthalene	8.869	142	671087	43.781	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	322011	43.641	ng	99
41) Hexachlorocyclopentadiene	8.922	237	334918	106.645	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	226979	45.805	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135041.D
 Acq On : 31 Aug 2023 14:51
 Operator : CG\JU
 Sample : PB155118BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 16:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	246177	42.911	ng	96
46) 1,1'-Biphenyl	9.234	154	881967	43.796	ng	99
47) 2-Chloronaphthalene	9.263	162	690802	45.617	ng	99
48) 2-Nitroaniline	9.363	65	234838	45.301	ng	96
49) Acenaphthylene	9.675	152	1013242	44.262	ng	100
50) Dimethylphthalate	9.545	163	817133	44.274	ng	100
51) 2,6-Dinitrotoluene	9.610	165	186039	45.939	ng	# 82
52) Acenaphthene	9.851	154	649528	44.524	ng	99
53) 3-Nitroaniline	9.775	138	181497	38.473	ng	99
54) 2,4-Dinitrophenol	9.892	184	220862	114.112	ng	# 81
55) Dibenzofuran	10.022	168	913955	43.430	ng	98
56) 4-Nitrophenol	9.951	139	322980	97.399	ng	96
57) 2,4-Dinitrotoluene	10.016	165	233917	46.349	ng	98
58) Fluorene	10.369	166	707039	44.070	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	207802	47.039	ng	98
60) Diethylphthalate	10.245	149	768412	44.229	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	343548	43.291	ng	99
62) 4-Nitroaniline	10.398	138	203189	44.019	ng	99
63) Azobenzene	10.522	77	759504	43.417	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	145001	48.889	ng	88
66) n-Nitrosodiphenylamine	10.481	169	657239	43.133	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	223864	43.069	ng	99
68) Hexachlorobenzene	10.916	284	247247	46.003	ng	100
70) Pentachlorophenol	11.116	266	267943	82.404	ng	98
71) Phenanthrene	11.333	178	1117019	44.182	ng	100
72) Anthracene	11.386	178	1134930	43.937	ng	99
73) Carbazole	11.545	167	1013319	45.482	ng	100
74) Di-n-butylphthalate	11.880	149	1169284	43.537	ng	100
75) Fluoranthene	12.527	202	1151968	45.067	ng	100
77) Benzidine	12.657	184	582287	113.434	ng	98
78) Pyrene	12.757	202	1175711	43.485	ng	100
80) Butylbenzylphthalate	13.386	149	461046	47.203	ng	98
81) Benzo(a)anthracene	13.951	228	846694	43.588	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	288704	49.255	ng	99
83) Chrysene	13.992	228	831249	43.544	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	518844	51.329	ng	98
85) Di-n-octyl phthalate	14.569	149	795254	51.544	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	744158	46.395	ng	99
88) Benzo(b)fluoranthene	15.004	252	698135	47.118	ng	99
89) Benzo(k)fluoranthene	15.033	252	696266	48.641	ng	99
90) Benzo(a)pyrene	15.368	252	606417	44.057	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	605595	46.617	ng	97
92) Benzo(g,h,i)perylene	17.368	276	623436	46.142	ng	99

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

