

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135010.D
 Acq On : 30 Aug 2023 17:53
 Operator : CG\JU
 Sample : PB155120BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BSD

Quant Time: Aug 31 05:31:47 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 08/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	146463	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	610803	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	318011	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	588667	20.000	ng	0.00
76) Chrysene-d12	13.963	240	315433	20.000	ng	0.00
86) Perylene-d12	15.427	264	272120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	861828	90.889	ng	0.01
7) Phenol-d6	6.416	99	1045978	88.501	ng	0.00
23) Nitrobenzene-d5	7.345	82	963517	88.623	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	296514	87.897	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1653653	84.661	ng	0.00
79) Terphenyl-d14	12.910	244	1816365	93.970	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	149835	37.304	ng	98
3) Pyridine	3.334	79	399844	36.926	ng	99
4) n-Nitrosodimethylamine	3.310	42	247852	46.805	ng	97
6) Aniline	6.439	93	553160	37.754	ng	96
8) 2-Chlorophenol	6.563	128	488824	50.744	ng	98
9) Benzaldehyde	6.328	77	181233	30.094	ng	97
10) Phenol	6.428	94	588850	47.458	ng	100
11) bis(2-Chloroethyl)ether	6.516	93	445319	47.662	ng	98
12) 1,3-Dichlorobenzene	6.716	146	476797	48.041	ng	99
13) 1,4-Dichlorobenzene	6.792	146	486732	48.999	ng	99
14) 1,2-Dichlorobenzene	6.939	146	465220	50.188	ng	99
15) Benzyl Alcohol	6.922	79	405041	50.022	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	757511	48.414	ng	100
17) 2-Methylphenol	7.034	107	385562	45.931	ng	98
18) Hexachloroethane	7.281	117	183347	49.828	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	314862	44.850	ng	99
20) 3+4-Methylphenols	7.186	107	444165	44.850	ng	98
22) Acetophenone	7.186	105	623398	45.885	ng	# 99
24) Nitrobenzene	7.357	77	501867	45.001	ng	96
25) Isophorone	7.598	82	938141	45.511	ng	99
26) 2-Nitrophenol	7.675	139	263272	47.780	ng	98
27) 2,4-Dimethylphenol	7.716	122	400038	45.095	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	565398	45.470	ng	99
29) 2,4-Dichlorophenol	7.916	162	395370	46.894	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	428884	47.072	ng	100
31) Naphthalene	8.075	128	1343130	45.015	ng	99
32) Benzoic acid	7.857	122	332962	46.921	ng	98
33) 4-Chloroaniline	8.128	127	373196	28.596	ng	98
34) Hexachlorobutadiene	8.192	225	239454	46.310	ng	98
35) Caprolactam	8.510	113	131719m	47.714	ng	
36) 4-Chloro-3-methylphenol	8.622	107	434547	47.453	ng	99
37) 2-Methylnaphthalene	8.769	142	871901	43.796	ng	97
38) 1-Methylnaphthalene	8.869	142	820317	44.037	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	393002	44.146	ng	99
41) Hexachlorocyclopentadiene	8.922	237	415023	109.533	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	283736	47.458	ng	99

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44) 2,4,5-Trichlorophenol	9.092	196	297544	42.987	ng	# 95
46) 1,1'-Biphenyl	9.239	154	1077647	44.354	ng	99
47) 2-Chloronaphthalene	9.263	162	832279	45.552	ng	98
48) 2-Nitroaniline	9.363	65	287101	45.903	ng	92
49) Acenaphthylene	9.680	152	1269823	45.976	ng	100
50) Dimethylphthalate	9.545	163	1010858	45.396	ng	99
51) 2,6-Dinitrotoluene	9.610	165	229343	46.938	ng	91
52) Acenaphthene	9.851	154	779457	44.285	ng	98
53) 3-Nitroaniline	9.775	138	192076	33.747	ng	100
54) 2,4-Dinitrophenol	9.892	184	251478	107.691	ng	# 89
55) Dibenzofuran	10.028	168	1099707	43.312	ng	97
56) 4-Nitrophenol	9.951	139	371092	92.753	ng	96
57) 2,4-Dinitrotoluene	10.016	165	282374	46.374	ng	96
58) Fluorene	10.369	166	853076	44.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	252958	47.460	ng	99
60) Diethylphthalate	10.251	149	946206	45.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	408642	42.680	ng	95
62) 4-Nitroaniline	10.398	138	252022	45.253	ng	99
63) Azobenzene	10.522	77	953670	45.185	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	171860	48.238	ng	87
66) n-Nitrosodiphenylamine	10.486	169	799179	43.662	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	272244	43.603	ng	97
68) Hexachlorobenzene	10.916	284	306660	47.499	ng	99
70) Pentachlorophenol	11.116	266	291540	74.641	ng	98
71) Phenanthrene	11.333	178	1333636	43.913	ng	99
72) Anthracene	11.386	178	1369640	44.141	ng	99
73) Carbazole	11.545	167	1200681	44.864	ng	99
74) Di-n-butylphthalate	11.880	149	1469575	45.552	ng	100
75) Fluoranthene	12.527	202	1363324	44.400	ng	100
77) Benzidine	12.651	184	511278	89.917	ng	98
78) Pyrene	12.757	202	1396018	46.613	ng	100
80) Butylbenzylphthalate	13.386	149	551574	50.980	ng	98
81) Benzo(a)anthracene	13.957	228	972230	45.185	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	279063	42.981	ng	97
83) Chrysene	13.992	228	969580	45.852	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	586301	52.363	ng	98
85) Di-n-octyl phthalate	14.568	149	895189	52.380	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	923546	50.386	ng	99
88) Benzo(b)fluoranthene	15.004	252	792179	46.786	ng	100
89) Benzo(k)fluoranthene	15.033	252	769456	47.040	ng	99
90) Benzo(a)pyrene	15.368	252	692483	44.026	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	746731	50.302	ng	99
92) Benzo(g,h,i)perylene	17.368	276	761716	49.335	ng	98

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

