

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022324\
 Data File : BF137373.D
 Acq On : 23 Feb 2024 13:57
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 24 04:19:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:02:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	201373	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	807714	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	460733	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	774833	20.000	ng	0.00
76) Chrysene-d12	13.980	240	380512	20.000	ng	0.00
86) Perylene-d12	15.462	264	380396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1992489	152.675	ng	0.00
7) Phenol-d6	6.451	99	2758068	143.668	ng	0.01
23) Nitrobenzene-d5	7.375	82	2548769	157.538	ng	0.01
42) 2,4,6-Tribromophenol	10.633	330	648831	161.719	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	3803063	128.508	ng	0.00
79) Terphenyl-d14	12.927	244	4288118	157.622	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	555352	77.681	ng	100
3) Pyridine	3.322	79	1453472	78.351	ng	99
4) n-Nitrosodimethylamine	3.310	42	566302	78.730	ng	98
6) Aniline	6.481	93	1791853	78.707	ng	99
8) 2-Chlorophenol	6.592	128	1002653	71.631	ng	97
9) Benzaldehyde	6.357	77	733999	79.415	ng	96
10) Phenol	6.463	94	1514358	72.076	ng	82
11) bis(2-Chloroethyl)ether	6.551	93	1187370	77.774	ng	97
12) 1,3-Dichlorobenzene	6.745	146	1079572	71.820	ng	99
13) 1,4-Dichlorobenzene	6.822	146	1099670	71.056	ng	99
14) 1,2-Dichlorobenzene	6.975	146	957169	66.864	ng	99
15) Benzyl Alcohol	6.951	79	864708	75.563	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1820048	71.723	ng	100
17) 2-Methylphenol	7.063	107	989209	74.691	ng	97
18) Hexachloroethane	7.310	117	382486	71.721	ng	99
19) n-Nitroso-di-n-propyla...	7.234	70	880715	74.448	ng	96
20) 3+4-Methylphenols	7.222	107	1026836	68.024	ng	97
22) Acetophenone	7.222	105	1361426	69.509	ng	98
24) Nitrobenzene	7.392	77	1312149	79.817	ng	96
25) Isophorone	7.633	82	2595547	77.578	ng	100
26) 2-Nitrophenol	7.704	139	521112	80.842	ng	97
27) 2,4-Dimethylphenol	7.745	122	937431	76.185	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	1470968	76.277	ng	100
29) 2,4-Dichlorophenol	7.945	162	892270	77.370	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	903188	72.964	ng	100
31) Naphthalene	8.104	128	2993396	69.058	ng	98
32) Benzoic acid	7.904	122	656141m	81.187	ng	
33) 4-Chloroaniline	8.157	127	1260204	76.440	ng	97
34) Hexachlorobutadiene	8.222	225	542822	73.816	ng	98
35) Caprolactam	8.557	113	305294m	85.818	ng	
36) 4-Chloro-3-methylphenol	8.645	107	1004791	76.852	ng	99
37) 2-Methylnaphthalene	8.798	142	1916133	68.602	ng	100
38) 1-Methylnaphthalene	8.892	142	1798288	68.097	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	922686	72.710	ng	98
41) Hexachlorocyclopentadiene	8.945	237	495478	86.118	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	637412	77.470	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	739664	78.359	ng	99
46) 1,1'-Biphenyl	9.263	154	2290183	68.248	ng	98
47) 2-Chloronaphthalene	9.286	162	1820154	71.824	ng	99
48) 2-Nitroaniline	9.386	65	641226	80.189	ng	99
49) Acenaphthylene	9.704	152	2774162	67.377	ng	99
50) Dimethylphthalate	9.575	163	2330793	73.212	ng	99
51) 2,6-Dinitrotoluene	9.633	165	491295	82.950	ng	89
52) Acenaphthene	9.875	154	1680156	68.360	ng	99
53) 3-Nitroaniline	9.804	138	545353	78.971	ng	94
54) 2,4-Dinitrophenol	9.904	184	237251	80.939	ng	94
55) Dibenzofuran	10.045	168	2541328	66.901	ng	96
56) 4-Nitrophenol	9.969	139	397598	79.300	ng	99
57) 2,4-Dinitrotoluene	10.039	165	585667	77.544	ng	96
58) Fluorene	10.392	166	1901062	65.532	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	586640m	74.677	ng	
60) Diethylphthalate	10.275	149	2145581	72.184	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	966780	67.748	ng	93
62) 4-Nitroaniline	10.433	138	500327m	82.416	ng	
63) Azobenzene	10.545	77	2486187	69.910	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	314985	79.838	ng	97
66) n-Nitrosodiphenylamine	10.510	169	1813105	72.051	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	632406	75.921	ng	96
68) Hexachlorobenzene	10.933	284	647264	75.116	ng	95
69) Atrazine	11.045	200	550117	81.006	ng	99
70) Pentachlorophenol	11.133	266	457298	83.763	ng	97
71) Phenanthrene	11.357	178	2949091	68.987	ng	99
72) Anthracene	11.410	178	3030891	68.798	ng	98
73) Carbazole	11.569	167	2656483	70.575	ng	99
74) Di-n-butylphthalate	11.904	149	3032359	80.513	ng	100
75) Fluoranthene	12.545	202	2857911	68.489	ng	99
77) Benzidine	12.674	184	558967	80.519	ng	97
78) Pyrene	12.780	202	2838669	78.895	ng	98
80) Butylbenzylphthalate	13.410	149	524082	79.483	ng	# 90
81) Benzo(a)anthracene	13.974	228	2039517	77.242	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	515697	80.004	ng	100
83) Chrysene	14.010	228	2064778	76.550	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	651473	79.263	ng	# 97
85) Di-n-octyl phthalate	14.592	149	1288656	79.463	ng	94
87) Indeno(1,2,3-cd)pyrene	16.980	276	2071912	77.466	ng	99
88) Benzo(b)fluoranthene	15.033	252	1727332	74.022	ng	99
89) Benzo(k)fluoranthene	15.068	252	1826958m	74.750	ng	
90) Benzo(a)pyrene	15.409	252	1753192	79.206	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	1680826	76.935	ng	99
92) Benzo(g,h,i)perylene	17.445	276	1757469	77.443	ng	100

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

