

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022324\
 Data File : BF137371.D
 Acq On : 23 Feb 2024 12:59
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 04:17:30 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	6.798	152	191286	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	788991	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	449128	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	762473	20.000	ng	0.00
76) Chrysene-d12	13.980	240	397038	20.000	ng	0.00
86) Perylene-d12	15.462	264	349994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1289320	104.004	ng	0.00
7) Phenol-d6	6.440	99	1803246	98.884	ng	0.00
23) Nitrobenzene-d5	7.369	82	1618331	102.402	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	390802	99.923	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2645970	91.719	ng	0.00
79) Terphenyl-d14	12.927	244	2914973	102.688	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	347622	51.188	ng	99
3) Pyridine	3.316	79	874700	50.363	ng	99
4) n-Nitrosodimethylamine	3.293	42	335504	50.982	ng	97
6) Aniline	6.469	93	1135688	52.515	ng	97
8) 2-Chlorophenol	6.587	128	671461	50.500	ng	99
9) Benzaldehyde	6.357	77	471328	53.684	ng	98
10) Phenol	6.457	94	1017185	50.966	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	724042	49.926	ng	99
12) 1,3-Dichlorobenzene	6.740	146	704436	49.335	ng	99
13) 1,4-Dichlorobenzene	6.816	146	716868	48.763	ng	98
14) 1,2-Dichlorobenzene	6.969	146	660651	48.584	ng	98
15) Benzyl Alcohol	6.945	79	578401	53.209	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1186738	49.232	ng	99
17) 2-Methylphenol	7.057	107	633285	50.338	ng	99
18) Hexachloroethane	7.310	117	249672	49.286	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	562706	50.074	ng	97
20) 3+4-Methylphenols	7.210	107	708814	49.433	ng	94
22) Acetophenone	7.216	105	919321	48.051	ng	# 94
24) Nitrobenzene	7.387	77	838312	52.204	ng	98
25) Isophorone	7.622	82	1610339	49.273	ng	100
26) 2-Nitrophenol	7.698	139	301937	49.133	ng	96
27) 2,4-Dimethylphenol	7.739	122	607748	50.564	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	943265	50.074	ng	100
29) 2,4-Dichlorophenol	7.939	162	573834	50.938	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	588302	48.654	ng	99
31) Naphthalene	8.104	128	2021677	47.747	ng	100
32) Benzoic acid	7.875	122	358865	48.533	ng	97
33) 4-Chloroaniline	8.151	127	855427	53.119	ng	99
34) Hexachlorobutadiene	8.216	225	349228	48.617	ng	100
35) Caprolactam	8.534	113	184356	53.052	ng	98
36) 4-Chloro-3-methylphenol	8.634	107	648835	50.804	ng	97
37) 2-Methylnaphthalene	8.792	142	1305420	47.846	ng	98
38) 1-Methylnaphthalene	8.892	142	1227866	47.600	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	606061	48.993	ng	99
41) Hexachlorocyclopentadiene	8.945	237	299303	53.365	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	406712	50.708	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	470645	51.148	ng	99
46) 1,1'-Biphenyl	9.257	154	1570718	48.017	ng	99
47) 2-Chloronaphthalene	9.281	162	1197266	48.465	ng	99
48) 2-Nitroaniline	9.381	65	373989	49.682	ng	97
49) Acenaphthylene	9.698	152	1938081	48.287	ng	99
50) Dimethylphthalate	9.569	163	1523562	49.093	ng	98
51) 2,6-Dinitrotoluene	9.628	165	310897	53.848	ng	95
52) Acenaphthene	9.869	154	1137232	47.466	ng	100
53) 3-Nitroaniline	9.798	138	332014	50.231	ng	99
54) 2,4-Dinitrophenol	9.898	184	129974	48.926	ng	93
55) Dibenzofuran	10.045	168	1775455	47.947	ng	100
56) 4-Nitrophenol	9.957	139	237804	50.524	ng	94
57) 2,4-Dinitrotoluene	10.028	165	376709	51.528	ng	99
58) Fluorene	10.386	166	1316733	46.562	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	375778m	49.071	ng	
60) Diethylphthalate	10.269	149	1422602	49.097	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	644844	46.355	ng	99
62) 4-Nitroaniline	10.416	138	305084m	51.786	ng	
63) Azobenzene	10.545	77	1687927	48.690	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	186332	49.791	ng	87
66) n-Nitrosodiphenylamine	10.504	169	1203258	48.591	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	411187	50.164	ng	98
68) Hexachlorobenzene	10.933	284	414268	48.856	ng	99
69) Atrazine	11.033	200	347794	52.043	ng	99
70) Pentachlorophenol	11.127	266	287523	53.519	ng	99
71) Phenanthrene	11.351	178	1996864	47.469	ng	100
72) Anthracene	11.404	178	2108796	48.643	ng	99
73) Carbazole	11.563	167	1777634	47.992	ng	99
74) Di-n-butylphthalate	11.898	149	1984130	53.535	ng	100
75) Fluoranthene	12.545	202	1929918	47.000	ng	99
77) Benzidine	12.674	184	346586	50.696	ng	99
78) Pyrene	12.774	202	1967234	52.400	ng	100
80) Butylbenzylphthalate	13.404	149	278365	49.863	ng	97
81) Benzo(a)anthracene	13.968	228	1372785	49.827	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	315185	48.948	ng	98
83) Chrysene	14.010	228	1411482	50.151	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	364139	50.204	ng	99
85) Di-n-octyl phthalate	14.592	149	626486	49.845	ng	96
87) Indeno(1,2,3-cd)pyrene	16.968	276	1255183	51.645	ng	99
88) Benzo(b)fluoranthene	15.027	252	1096967	51.092	ng	99
89) Benzo(k)fluoranthene	15.057	252	1066562	47.429	ng	100
90) Benzo(a)pyrene	15.398	252	1048770	51.498	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1024988	51.506	ng	98
92) Benzo(g,h,i)perylene	17.433	276	1059646	51.462	ng	99

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

