

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137444.D
 Acq On : 29 Feb 2024 16:13
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

Quant Time: Mar 01 03:31:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 03:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	209566m	20.000	ng	0.08
21) Naphthalene-d8	8.151	136	813899	20.000	ng	0.07
39) Acenaphthene-d10	9.910	164	455809	20.000	ng	0.07
64) Phenanthrene-d10	11.404	188	761538	20.000	ng	0.08
76) Chrysene-d12	14.068	240	391785	20.000	ng	0.08
86) Perylene-d12	15.598	264	377433	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1381413	99.818	ng	0.10
7) Phenol-d6	6.528	99	1919244	96.075	ng	0.08
23) Nitrobenzene-d5	7.445	82	1736142	99.113	ng	0.08
42) 2,4,6-Tribromophenol	10.710	330	395207	98.733	ng	0.08
45) 2-Fluorobiphenyl	9.233	172	2635923	90.524	ng	0.07
79) Terphenyl-d14	13.010	244	2823201	99.090	ng	0.08
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	372144	49.179	ng	100
3) Pyridine	3.510	79	959737	52.587	ng	99
4) n-Nitrosodimethylamine	3.498	42	371739	50.100	ng	# 97
6) Aniline	6.551	93	1227334	50.281	ng	99
8) 2-Chlorophenol	6.669	128	709198	48.586	ng	93
9) Benzaldehyde	6.439	77	497543	50.838	ng	99
10) Phenol	6.539	94	1049665	48.818	ng	93
11) bis(2-Chloroethyl)ether	6.628	93	798035	50.649	ng	98
12) 1,3-Dichlorobenzene	6.822	146	752733	48.259	ng	96
13) 1,4-Dichlorobenzene	6.898	146	759119m	47.675	ng	
14) 1,2-Dichlorobenzene	7.051	146	698971m	47.715	ng	
15) Benzyl Alcohol	7.028	79	623280	50.116	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1302329	48.085	ng	99
17) 2-Methylphenol	7.133	107	669014	48.981	ng	99
18) Hexachloroethane	7.386	117	258093	49.115	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	574527	46.575	ng	98
20) 3+4-Methylphenols	7.292	107	737635	47.154	ng	96
22) Acetophenone	7.292	105	949798	48.231	ng	97
24) Nitrobenzene	7.463	77	894233	50.819	ng	99
25) Isophorone	7.698	82	1641218	49.317	ng	100
26) 2-Nitrophenol	7.769	139	371639	53.197	ng	96
27) 2,4-Dimethylphenol	7.810	122	649242	49.737	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	969193	49.637	ng	100
29) 2,4-Dichlorophenol	8.016	162	604824	50.485	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	615192	48.796	ng	99
31) Naphthalene	8.175	128	2092265	47.912	ng	100
32) Benzoic acid	7.957	122	370825	48.788	ng	98
33) 4-Chloroaniline	8.228	127	875470	51.127	ng	97
34) Hexachlorobutadiene	8.292	225	359900	48.353	ng	99
35) Caprolactam	8.610	113	206549m	50.829	ng	
36) 4-Chloro-3-methylphenol	8.710	107	661642	49.408	ng	97
37) 2-Methylnaphthalene	8.869	142	1329720	47.766	ng	99
38) 1-Methylnaphthalene	8.963	142	1231713	46.983	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	618388	48.596	ng	99
41) Hexachlorocyclopentadiene	9.016	237	240138	49.720	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	414464	50.016	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	474826	49.742	ng	97
46) 1,1'-Biphenyl	9.333	154	1571436	47.104	ng	99
47) 2-Chloronaphthalene	9.357	162	1216356	47.822	ng	99
48) 2-Nitroaniline	9.457	65	468529	54.195	ng	91
49) Acenaphthylene	9.774	152	1913279	47.004	ng	100
50) Dimethylphthalate	9.645	163	1512415	47.666	ng	99
51) 2,6-Dinitrotoluene	9.704	165	333084	50.189	ng	94
52) Acenaphthene	9.945	154	1136249	46.757	ng	99
53) 3-Nitroaniline	9.874	138	367521	52.355	ng	98
54) 2,4-Dinitrophenol	9.974	184	149685	49.713	ng	91
55) Dibenzofuran	10.122	168	1723644	46.569	ng	99
56) 4-Nitrophenol	10.039	139	245879	50.974	ng	98
57) 2,4-Dinitrotoluene	10.110	165	421590	51.706	ng	99
58) Fluorene	10.463	166	1286790	45.270	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	375328	49.141	ng	92
60) Diethylphthalate	10.345	149	1423912	47.522	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	642142	46.095	ng	97
62) 4-Nitroaniline	10.498	138	315652	52.306	ng	96
63) Azobenzene	10.621	77	1655066	47.970	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	229824	54.147	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1189515	48.507	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	412153	49.690	ng	98
68) Hexachlorobenzene	11.010	284	413523	49.361	ng	96
69) Atrazine	11.116	200	371636	49.852	ng	99
70) Pentachlorophenol	11.210	266	270831	53.136	ng	98
71) Phenanthrene	11.433	178	1971858	47.578	ng	99
72) Anthracene	11.480	178	2065587	48.527	ng	100
73) Carbazole	11.639	167	1772628	48.618	ng	100
74) Di-n-butylphthalate	11.980	149	2124515	48.975	ng	99
75) Fluoranthene	12.627	202	1912701	47.214	ng	98
77) Benzidine	12.757	184	529981	55.276	ng	99
78) Pyrene	12.857	202	1928850	50.174	ng	99
80) Butylbenzylphthalate	13.486	149	529145	53.897	ng	95
81) Benzo(a)anthracene	14.057	228	1351950	49.234	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	390226	53.364	ng	99
83) Chrysene	14.092	228	1355514	48.841	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	653940	52.405	ng	99
85) Di-n-octyl phthalate	14.680	149	1146318	47.703	ng	100
87) Indeno(1,2,3-cd)pyrene	17.203	276	1278901	51.490	ng	99
88) Benzo(b)fluoranthene	15.145	252	1099875	49.263	ng	98
89) Benzo(k)fluoranthene	15.174	252	1148525	47.893	ng	99
90) Benzo(a)pyrene	15.533	252	1098986	49.950	ng	100
91) Dibenzo(a,h)anthracene	17.227	278	1038798	51.557	ng	99
92) Benzo(g,h,i)perylene	17.692	276	1068514	51.638	ng	99

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

