

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134541.D
 Acq On : 01 Aug 2023 10:44
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 02:14:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:08:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	234405	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	878031	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	443505	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	804974	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	486215	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	473029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1409187	91.385	ng	0.00
7) Phenol-d6	6.434	99	1798738	91.251	ng	0.00
23) Nitrobenzene-d5	7.363	82	1454104	103.494	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	438135	96.909	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2324003	87.127	ng	0.00
79) Terphenyl-d14	12.910	244	2674053	96.953	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	335539	47.293	ng	96
3) Pyridine	3.304	79	906734	47.164	ng	92
4) n-Nitrosodimethylamine	3.275	42	444491	48.388	ng	# 68
6) Aniline	6.463	93	1212447	46.894	ng	93
8) 2-Chlorophenol	6.581	128	718992	46.221	ng	98
9) Benzaldehyde	6.351	77	425497	48.879	ng	94
10) Phenol	6.445	94	891027m	45.867	ng	
11) bis(2-Chloroethyl)ether	6.539	93	714837	46.324	ng	95
12) 1,3-Dichlorobenzene	6.739	146	732054	45.485	ng	93
13) 1,4-Dichlorobenzene	6.816	146	736238	45.644	ng	97
14) 1,2-Dichlorobenzene	6.969	146	676877	45.039	ng	96
15) Benzyl Alcohol	6.939	79	624017	45.888	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1123161	46.458	ng	88
17) 2-Methylphenol	7.045	107	645083	46.929	ng	91
18) Hexachloroethane	7.304	117	267402	47.235	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	532183	45.092	ng	# 90
20) 3+4-Methylphenols	7.204	107	737097	44.464	ng	# 78
22) Acetophenone	7.210	105	899148	44.358	ng	# 86
24) Nitrobenzene	7.381	77	760588	50.108	ng	97
25) Isophorone	7.622	82	1438730	46.949	ng	99
26) 2-Nitrophenol	7.692	139	313072	48.423	ng	90
27) 2,4-Dimethylphenol	7.728	122	644474	47.133	ng	87
28) bis(2-Chloroethoxy)met...	7.834	93	855595	46.673	ng	100
29) 2,4-Dichlorophenol	7.928	162	598836	48.254	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	623430	47.109	ng	98
31) Naphthalene	8.098	128	2022366	45.829	ng	98
32) Benzoic acid	7.857	122	436693	48.802	ng	90
33) 4-Chloroaniline	8.145	127	910653	46.315	ng	99
34) Hexachlorobutadiene	8.216	225	355750	46.604	ng	96
35) Caprolactam	8.528	113	198549	49.573	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	626849	47.695	ng	91
37) 2-Methylnaphthalene	8.786	142	1345944	46.015	ng	98
38) 1-Methylnaphthalene	8.886	142	1237030	45.480	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	583756	45.264	ng	99
41) Hexachlorocyclopentadiene	8.939	237	319551	50.953	ng	92
43) 2,4,6-Trichlorophenol	9.063	196	409940	48.569	ng	93

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44) 2,4,5-Trichlorophenol	9.098	196	455045	47.171	ng	94
46) 1,1'-Biphenyl	9.257	154	1542644	44.730	ng	99
47) 2-Chloronaphthalene	9.275	162	1175777	45.499	ng	98
48) 2-Nitroaniline	9.375	65	392208	48.637	ng	89
49) Acenaphthylene	9.692	152	1852527	45.605	ng	99
50) Dimethylphthalate	9.563	163	1387887	45.914	ng	98
51) 2,6-Dinitrotoluene	9.616	165	305004	49.181	ng	93
52) Acenaphthene	9.863	154	1199719	45.575	ng	99
53) 3-Nitroaniline	9.786	138	358090	53.149	ng	93
54) 2,4-Dinitrophenol	9.886	184	99755	49.552	ng	89
55) Dibenzofuran	10.033	168	1693158	45.182	ng	96
56) 4-Nitrophenol	9.939	139	284956	51.712	ng	# 73
57) 2,4-Dinitrotoluene	10.022	165	376119	50.143	ng	# 85
58) Fluorene	10.380	166	1168745	42.818	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	378236	49.477	ng	96
60) Diethylphthalate	10.263	149	1314701	45.885	ng	96
61) 4-Chlorophenyl-phenyle...	10.375	204	573353	42.735	ng	93
62) 4-Nitroaniline	10.404	138	357122	54.078	ng	87
63) Azobenzene	10.533	77	1412081	45.871	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	156714	48.137	ng	82
66) n-Nitrosodiphenylamine	10.492	169	1171897	45.738	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	413011	46.870	ng	98
68) Hexachlorobenzene	10.922	284	433422	46.578	ng	98
69) Atrazine	11.022	200	322951	46.764	ng	98
70) Pentachlorophenol	11.116	266	295046	51.210	ng	96
71) Phenanthrene	11.339	178	1916975	44.834	ng	99
72) Anthracene	11.392	178	1967609	45.052	ng	98
73) Carbazole	11.551	167	1784736	45.768	ng	99
74) Di-n-butylphthalate	11.892	149	1921332	46.377	ng	99
75) Fluoranthene	12.527	202	2075306	45.950	ng	95
77) Benzidine	12.651	184	488512	46.284	ng	97
78) Pyrene	12.757	202	2106005	50.056	ng	96
80) Butylbenzylphthalate	13.392	149	777516	54.652	ng	# 96
81) Benzo(a)anthracene	13.945	228	1666383	47.930	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	485849	48.211	ng	# 96
83) Chrysene	13.986	228	1641951	48.475	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	835168	49.884	ng	100
85) Di-n-octyl phthalate	14.574	149	1290711	50.696	ng	96
87) Indeno(1,2,3-cd)pyrene	16.886	276	1459793	52.473	ng	# 92
88) Benzo(b)fluoranthene	14.992	252	1335309	46.285	ng	# 97
89) Benzo(k)fluoranthene	15.021	252	1377171	47.920	ng	# 97
90) Benzo(a)pyrene	15.357	252	1299365	48.306	ng	# 95
91) Dibenzo(a,h)anthracene	16.915	278	1183586	52.644	ng	# 96
92) Benzo(g,h,i)perylene	17.339	276	1232754	53.752	ng	# 93

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

