

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136647.D
 Acq On : 20 Dec 2023 14:18
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 17:14:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 17:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	72277	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	282456	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	144872	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	274531	20.000	ng	0.00
76) Chrysene-d12	13.974	240	139353	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	136664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	535431	115.587	ng	0.00
7) Phenol-d6	6.445	99	701389	116.853	ng	0.00
23) Nitrobenzene-d5	7.363	82	657803	119.171	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	196881	115.392	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1233995	114.564	ng	0.00
79) Terphenyl-d14	12.916	244	1169626	117.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	113498	58.804	ng	98
3) Pyridine	3.310	79	284091	60.327	ng	99
4) n-Nitrosodimethylamine	3.299	42	153763	61.143	ng	99
6) Aniline	6.469	93	340647	56.764	ng	97
8) 2-Chlorophenol	6.587	128	294974	58.189	ng	99
9) Benzaldehyde	6.351	77	185072	54.208	ng	95
10) Phenol	6.463	94	373213	58.246	ng	94
11) bis(2-Chloroethyl)ether	6.540	93	284750	58.436	ng	99
12) 1,3-Dichlorobenzene	6.740	146	322985	58.406	ng	98
13) 1,4-Dichlorobenzene	6.816	146	328876	58.204	ng	97
14) 1,2-Dichlorobenzene	6.969	146	301451	57.334	ng	98
15) Benzyl Alcohol	6.945	79	237001	58.527	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	462679	58.076	ng	98
17) 2-Methylphenol	7.057	107	242611	57.771	ng	99
18) Hexachloroethane	7.304	117	120617	58.778	ng	93
19) n-Nitroso-di-n-propyla...	7.216	70	213133	58.576	ng	99
20) 3+4-Methylphenols	7.210	107	297077	56.623	ng	93
22) Acetophenone	7.210	105	412469	58.261	ng	99
24) Nitrobenzene	7.381	77	331293	59.915	ng	99
25) Isophorone	7.622	82	597938	59.532	ng	99
26) 2-Nitrophenol	7.692	139	162816	61.544	ng	94
27) 2,4-Dimethylphenol	7.734	122	197219	61.234	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	360059	58.976	ng	99
29) 2,4-Dichlorophenol	7.939	162	245340	59.168	ng	95
30) 1,2,4-Trichlorobenzene	8.016	180	272160	58.910	ng	99
31) Naphthalene	8.098	128	912218	58.787	ng	100
32) Benzoic acid	7.881	122	209824m	67.837	ng	
33) 4-Chloroaniline	8.151	127	331812	57.915	ng	98
34) Hexachlorobutadiene	8.210	225	165235	58.867	ng	98
35) Caprolactam	8.539	113	81452	59.529	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	274391	58.781	ng	99
37) 2-Methylnaphthalene	8.787	142	572925	57.370	ng	100
38) 1-Methylnaphthalene	8.886	142	560123	57.169	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	266918	59.492	ng	98
41) Hexachlorocyclopentadiene	8.934	237	85985	61.325	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	173894	60.435	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	193129	60.232	ng	96
46) 1,1'-Biphenyl	9.257	154	711132	58.496	ng	99
47) 2-Chloronaphthalene	9.281	162	542237	58.671	ng	98
48) 2-Nitroaniline	9.381	65	174085	60.152	ng	88
49) Acenaphthylene	9.692	152	825460	58.435	ng	99
50) Dimethylphthalate	9.563	163	622390	58.817	ng	100
51) 2,6-Dinitrotoluene	9.622	165	144011	59.966	ng	# 81
52) Acenaphthene	9.863	154	507324	57.937	ng	99
53) 3-Nitroaniline	9.792	138	149582	58.798	ng	99
54) 2,4-Dinitrophenol	9.898	184	80616	61.476	ng	# 87
55) Dibenzofuran	10.039	168	755920	56.949	ng	98
56) 4-Nitrophenol	9.963	139	106381	61.945	ng	96
57) 2,4-Dinitrotoluene	10.028	165	180611	57.931	ng	96
58) Fluorene	10.381	166	592886	56.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	145565	58.565	ng	98
60) Diethylphthalate	10.257	149	632853	57.641	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	286926	56.047	ng	96
62) 4-Nitroaniline	10.416	138	139155m	55.372	ng	
63) Azobenzene	10.533	77	598801	58.393	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	105138	66.825	ng	99
66) n-Nitrosodiphenylamine	10.498	169	525383	58.912	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	178268	58.470	ng	97
68) Hexachlorobenzene	10.928	284	199428	58.695	ng	95
69) Atrazine	11.028	200	135275	59.306	ng	98
70) Pentachlorophenol	11.128	266	100199	63.269	ng	96
71) Phenanthrene	11.345	178	802479	56.968	ng	99
72) Anthracene	11.398	178	821521	57.587	ng	99
73) Carbazole	11.557	167	756991	56.282	ng	99
74) Di-n-butylphthalate	11.886	149	943605	57.494	ng	99
75) Fluoranthene	12.539	202	827409	54.913	ng	98
77) Benzidine	12.663	184	244443	59.491	ng	97
78) Pyrene	12.769	202	833620	60.938	ng	99
80) Butylbenzylphthalate	13.392	149	305163	61.306	ng	99
81) Benzo(a)anthracene	13.963	228	562002	58.079	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	165712	60.302	ng	98
83) Chrysene	13.998	228	561406	59.329	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	383513	61.236	ng	# 97
85) Di-n-octyl phthalate	14.568	149	628934	64.921	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	631303	63.979	ng	99
88) Benzo(b)fluoranthene	15.015	252	545124	59.721	ng	99
89) Benzo(k)fluoranthene	15.051	252	459356	53.276	ng	98
90) Benzo(a)pyrene	15.386	252	451519	58.601	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	512500	63.309	ng	97
92) Benzo(g,h,i)perylene	17.415	276	533994	64.405	ng	98

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

