

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139851.D
 Acq On : 18 Oct 2024 13:46
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 14:21:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 14:11:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	187399	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	693285	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	377723	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	633721	20.000	ng	0.00
76) Chrysene-d12	14.057	240	323513	20.000	ng	0.00
86) Perylene-d12	15.533	264	374491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1657822	138.491	ng	0.00
7) Phenol-d6	6.522	99	2147173	138.492	ng	0.01
23) Nitrobenzene-d5	7.463	82	1897374	151.683	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	522350	147.845	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2941186	128.689	ng	0.00
79) Terphenyl-d14	13.004	244	2634676	132.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	410806	73.604	ng	99
3) Pyridine	3.452	79	993777	71.834	ng	99
4) n-Nitrosodimethylamine	3.422	42	567647	76.370	ng	98
6) Aniline	6.598	93	992375m	68.680	ng	
8) 2-Chlorophenol	6.681	128	836233	68.333	ng	98
9) Benzaldehyde	6.445	77	554983	63.632	ng	99
10) Phenol	6.534	94	1125558	69.172	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	886786	71.780	ng	99
12) 1,3-Dichlorobenzene	6.834	146	969627	69.024	ng	98
13) 1,4-Dichlorobenzene	6.910	146	968088	68.978	ng	99
14) 1,2-Dichlorobenzene	7.069	146	861333	65.758	ng	99
15) Benzyl Alcohol	7.034	79	803101	70.616	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1472196	69.886	ng	99
17) 2-Methylphenol	7.140	107	752459	72.109	ng	99
18) Hexachloroethane	7.410	117	357637	71.459	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	651048	69.238	ng	99
20) 3+4-Methylphenols	7.298	107	878987	65.856	ng	# 85
22) Acetophenone	7.310	105	1149288	67.682	ng	98
24) Nitrobenzene	7.481	77	1025571	74.779	ng	99
25) Isophorone	7.722	82	1767234	74.436	ng	100
26) 2-Nitrophenol	7.792	139	434755	84.029	ng	99
27) 2,4-Dimethylphenol	7.822	122	619136	71.765	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1022457	71.081	ng	100
29) 2,4-Dichlorophenol	8.028	162	711892	72.445	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	774108	71.194	ng	99
31) Naphthalene	8.198	128	2427578	67.894	ng	99
32) Benzoic acid	7.963	122	651887	86.634	ng	99
33) 4-Chloroaniline	8.251	127	849601	69.684	ng	99
34) Hexachlorobutadiene	8.316	225	490203	71.753	ng	99
35) Caprolactam	8.634	113	239184	76.550	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	794640	73.031	ng	99
37) 2-Methylnaphthalene	8.886	142	1487841	67.944	ng	100
38) 1-Methylnaphthalene	8.986	142	1457890	67.858	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	712936	69.962	ng	100
41) Hexachlorocyclopentadiene	9.039	237	256007	72.201	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	535533	74.228	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	542663	72.904	ng	99
46) 1,1'-Biphenyl	9.357	154	1753952	66.703	ng	99
47) 2-Chloronaphthalene	9.381	162	1470012	69.411	ng	99
48) 2-Nitroaniline	9.469	65	527552	81.447	ng	99
49) Acenaphthylene	9.792	152	2106357	68.796	ng	99
50) Dimethylphthalate	9.657	163	1676969	71.277	ng	99
51) 2,6-Dinitrotoluene	9.716	165	393234	77.193	ng	99
52) Acenaphthene	9.969	154	1378724	69.610	ng	99
53) 3-Nitroaniline	9.886	138	387157	73.697	ng	96
54) 2,4-Dinitrophenol	9.986	184	169167	79.932	ng	# 1
55) Dibenzofuran	10.139	168	1930402	67.930	ng	99
56) 4-Nitrophenol	10.033	139	314170	77.732	ng	99
57) 2,4-Dinitrotoluene	10.116	165	510703	81.523	ng	97
58) Fluorene	10.480	166	1426794	65.920	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	424598	72.764	ng	99
60) Diethylphthalate	10.357	149	1631842	70.641	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	730565	66.837	ng	100
62) 4-Nitroaniline	10.504	138	383383	77.270	ng	98
63) Azobenzene	10.633	77	1727533	70.539	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	235323	91.037	ng	98
66) n-Nitrosodiphenylamine	10.592	169	1350839	71.220	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	477995	73.216	ng	99
68) Hexachlorobenzene	11.028	284	536511	73.070	ng	98
69) Atrazine	11.116	200	382294	74.406	ng	99
70) Pentachlorophenol	11.216	266	354105	79.464	ng	99
71) Phenanthrene	11.445	178	2045577	68.336	ng	100
72) Anthracene	11.492	178	1995750	68.333	ng	99
73) Carbazole	11.645	167	1818340	66.943	ng	99
74) Di-n-butylphthalate	11.980	149	2153517	68.623	ng	100
75) Fluoranthene	12.627	202	1955847	64.632	ng	99
77) Benzidine	12.745	184	318678	60.567	ng	99
78) Pyrene	12.857	202	1935829	68.360	ng	99
80) Butylbenzylphthalate	13.474	149	664532	78.274	ng	98
81) Benzo(a)anthracene	14.045	228	1512920	71.840	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	496976	80.937	ng	98
83) Chrysene	14.080	228	1424522	73.774	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	794387	83.399	ng	99
85) Di-n-octyl phthalate	14.651	149	1534331	88.561	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	1877616	77.935	ng	99
88) Benzo(b)fluoranthene	15.098	252	1664856	72.980	ng	99
89) Benzo(k)fluoranthene	15.133	252	1419158	72.134	ng	99
90) Benzo(a)pyrene	15.474	252	1419026	75.598	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	1552091	77.226	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1550622	77.240	ng	100

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

