

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
 Data File : BF138194.D
 Acq On : 12 Jun 2024 15:03
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 01:49:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:38:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	368828	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1364696	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	732131	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1234997	20.000	ng	0.00
76) Chrysene-d12	14.057	240	666228	20.000	ng	0.00
86) Perylene-d12	15.527	264	733618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	3127941	141.868	ng	0.00
7) Phenol-d6	6.534	99	3949354	141.260	ng	0.01
23) Nitrobenzene-d5	7.469	82	3559794	151.857	ng	0.01
42) 2,4,6-Tribromophenol	10.728	330	1077600	147.849	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	5568591	120.947	ng	0.00
79) Terphenyl-d14	13.004	244	5612200	133.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	756355	74.961	ng	99
3) Pyridine	3.457	79	1812968	75.601	ng	99
4) n-Nitrosodimethylamine	3.434	42	842888	75.946	ng	95
6) Aniline	6.610	93	2030990m	74.242	ng	
8) 2-Chlorophenol	6.687	128	1700618	71.344	ng	96
10) Phenol	6.545	94	2059543m	72.589	ng	
11) bis(2-Chloroethyl)ether	6.640	93	1641534	72.289	ng	99
12) 1,3-Dichlorobenzene	6.840	146	1906696	70.384	ng	98
13) 1,4-Dichlorobenzene	6.916	146	1892455	69.417	ng	99
14) 1,2-Dichlorobenzene	7.069	146	1725986	67.441	ng	99
15) Benzyl Alcohol	7.040	79	1367590	72.547	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	2314345	72.215	ng	99
17) 2-Methylphenol	7.145	107	1411770	75.067	ng	99
18) Hexachloroethane	7.410	117	685273	74.197	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	1182046	71.327	ng	98
20) 3+4-Methylphenols	7.310	107	1573252	66.462	ng	93
22) Acetophenone	7.316	105	2128193	68.266	ng	99
24) Nitrobenzene	7.487	77	1819016	75.079	ng	97
25) Isophorone	7.722	82	3215560	75.836	ng	98
26) 2-Nitrophenol	7.798	139	897500	92.123	ng	100
27) 2,4-Dimethylphenol	7.834	122	1130722m	76.287	ng	
28) bis(2-Chloroethoxy)met...	7.934	93	1935111	72.906	ng	99
29) 2,4-Dichlorophenol	8.040	162	1463999	76.719	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	1600489	71.119	ng	99
31) Naphthalene	8.204	128	4492402	66.573	ng	96
32) Benzoic acid	7.981	122	1226705	93.904	ng	99
33) 4-Chloroaniline	8.251	127	1905526	75.552	ng	99
34) Hexachlorobutadiene	8.316	225	943642	71.696	ng	98
35) Caprolactam	8.645	113	467080m	81.076	ng	
36) 4-Chloro-3-methylphenol	8.734	107	1448902	76.259	ng	98
37) 2-Methylnaphthalene	8.892	142	3013158	68.037	ng	98
38) 1-Methylnaphthalene	8.992	142	2913620	67.135	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	1495899	69.921	ng	99
41) Hexachlorocyclopentadiene	9.039	237	568703	81.523	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	1020521	76.181	ng	99
44) 2,4,5-Trichlorophenol	9.204	196	1120688	76.180	ng	97

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46) 1,1'-Biphenyl	9.357	154	3566400	66.385	ng	97
47) 2-Chloronaphthalene	9.381	162	2919642	68.766	ng	98
48) 2-Nitroaniline	9.475	65	872574	85.338	ng	99
49) Acenaphthylene	9.798	152	4079247	68.518	ng	96
50) Dimethylphthalate	9.663	163	3205143	71.451	ng	99
51) 2,6-Dinitrotoluene	9.722	165	799011	82.105	ng	93
52) Acenaphthene	9.969	154	2851350	70.235	ng	99
53) 3-Nitroaniline	9.892	138	837867	80.594	ng	99
54) 2,4-Dinitrophenol	9.992	184	392787	79.600	ng	91
55) Dibenzofuran	10.139	168	3824866	67.395	ng	96
56) 4-Nitrophenol	10.045	139	696562	84.786	ng	90
57) 2,4-Dinitrotoluene	10.122	165	1031421	85.931	ng	# 85
58) Fluorene	10.486	166	2912599	65.273	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	873778	76.000	ng	100
60) Diethylphthalate	10.357	149	3003634	70.550	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	1470820	66.184	ng	98
62) 4-Nitroaniline	10.510	138	825321	79.456	ng	98
63) Azobenzene	10.633	77	2998979	70.311	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	544448	80.951	ng	81
66) n-Nitrosodiphenylamine	10.598	169	2646762	70.002	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	1028708	73.921	ng	# 92
68) Hexachlorobenzene	11.028	284	1147114	70.634	ng	98
69) Atrazine	11.122	200	767679	71.283	ng	99
70) Pentachlorophenol	11.216	266	774159	81.736	ng	97
71) Phenanthrene	11.445	178	4091606	66.993	ng	96
72) Anthracene	11.498	178	4052954	66.838	ng	96
73) Carbazole	11.651	167	3771351	67.809	ng	97
74) Di-n-butylphthalate	11.980	149	4016585	69.759	ng	98
75) Fluoranthene	12.633	202	4105357	65.918	ng	98
77) Benzidine	12.745	184	285458	37.043	ng	98
78) Pyrene	12.863	202	4217620	73.393	ng	97
80) Butylbenzylphthalate	13.474	149	1360564	87.041	ng	93
81) Benzo(a)anthracene	14.045	228	3068614	71.794	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	793339	67.402	ng	# 98
83) Chrysene	14.080	228	2936516	72.078	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	1549780	85.246	ng	99
85) Di-n-octyl phthalate	14.651	149	2399690	88.849	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	4033090	84.331	ng	99
88) Benzo(b)fluoranthene	15.098	252	3124742	72.228	ng	98
89) Benzo(k)fluoranthene	15.127	252	3034620	71.574	ng	97
90) Benzo(a)pyrene	15.468	252	2856212	76.849	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	3250159	82.796	ng	99
92) Benzo(g,h,i)perylene	17.480	276	3443374	84.792	ng	99

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

