

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135754.D
 Acq On : 13 Oct 2023 15:26
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 13 17:08:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 16:43:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.746	152	105387	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	421698	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	214108	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	418885	20.000	ng	0.00
76) Chrysene-d12	13.945	240	260693	20.000	ng	0.00
86) Perylene-d12	15.416	264	254591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	996554	152.031	ng	0.00
7) Phenol-d6	6.410	99	1202204	146.991	ng	0.01
23) Nitrobenzene-d5	7.322	82	1190273	155.239	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	319237	155.381	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1837885	134.210	ng	0.00
79) Terphenyl-d14	12.880	244	2031426	144.308	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	272780	86.275	ng	99
3) Pyridine	3.169	79	658323	84.506	ng	95
4) n-Nitrosodimethylamine	3.169	42	371508	89.052	ng	95
6) Aniline	6.422	93	745383	72.419	ng	# 53
8) 2-Chlorophenol	6.540	128	530506	75.051	ng	99
9) Benzaldehyde	6.304	77	303005	65.091	ng	98
10) Phenol	6.422	94	631429	73.680	ng	94
11) bis(2-Chloroethyl)ether	6.493	93	544098	78.796	ng	99
12) 1,3-Dichlorobenzene	6.681	146	540733	75.456	ng	99
13) 1,4-Dichlorobenzene	6.763	146	548065	75.496	ng	99
14) 1,2-Dichlorobenzene	6.916	146	466628	71.388	ng	99
15) Benzyl Alcohol	6.904	79	409509	75.303	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	906224	72.565	ng	97
17) 2-Methylphenol	7.016	107	468802	76.611	ng	96
18) Hexachloroethane	7.245	117	203519	77.321	ng	95
19) n-Nitroso-di-n-propyla...	7.175	70	367319	72.636	ng	97
20) 3+4-Methylphenols	7.175	107	535544	70.203	ng	93
22) Acetophenone	7.169	105	703913	72.784	ng	94
24) Nitrobenzene	7.340	77	605891	78.737	ng	97
25) Isophorone	7.575	82	1163634	80.445	ng	99
26) 2-Nitrophenol	7.651	139	298943	79.604	ng	99
27) 2,4-Dimethylphenol	7.698	122	474539	76.759	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	651910	75.677	ng	98
29) 2,4-Dichlorophenol	7.898	162	450888	77.827	ng	100
30) 1,2,4-Trichlorobenzene	7.969	180	450931	76.100	ng	99
31) Naphthalene	8.051	128	1522744	74.032	ng	99
32) Benzoic acid	7.887	122	406317m	97.342	ng	
33) 4-Chloroaniline	8.110	127	678834	75.552	ng	98
34) Hexachlorobutadiene	8.157	225	268352	76.511	ng	98
35) Caprolactam	8.522	113	167249m	84.353	ng	
36) 4-Chloro-3-methylphenol	8.604	107	510799	79.504	ng	99
37) 2-Methylnaphthalene	8.739	142	997258	73.589	ng	100
38) 1-Methylnaphthalene	8.839	142	928318	74.271	ng	98
40) 1,2,4,5-Tetrachloroben...	8.910	216	464574	75.431	ng	98
41) Hexachlorocyclopentadiene	8.881	237	101226	79.720	ng	96
43) 2,4,6-Trichlorophenol	9.028	196	303597	76.495	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	357363	77.416	ng	97
46) 1,1'-Biphenyl	9.210	154	1183871	72.183	ng	98
47) 2-Chloronaphthalene	9.234	162	892775	75.530	ng	99
48) 2-Nitroaniline	9.345	65	374789	80.329	ng	97
49) Acenaphthylene	9.645	152	1432934	73.255	ng	98
50) Dimethylphthalate	9.516	163	1148105	79.433	ng	99
51) 2,6-Dinitrotoluene	9.592	165	238861	76.849	ng	93
52) Acenaphthene	9.822	154	873047	74.464	ng	100
53) 3-Nitroaniline	9.763	138	311538	81.764	ng	97
55) Dibenzofuran	9.992	168	1287329	72.769	ng	99
56) 4-Nitrophenol	9.945	139	141343	80.897	ng	95
57) 2,4-Dinitrotoluene	10.004	165	311147	78.686	ng	95
58) Fluorene	10.339	166	989212	71.426	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	272002	77.970	ng	99
60) Diethylphthalate	10.222	149	1112643	75.405	ng	98
61) 4-Chlorophenyl-phenyle...	10.328	204	479624	71.654	ng	97
62) 4-Nitroaniline	10.392	138	292501	83.436	ng	96
63) Azobenzene	10.492	77	1114638	77.751	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	192955	91.531	ng	93
66) n-Nitrosodiphenylamine	10.457	169	946788	74.156	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	311803	74.153	ng	96
68) Hexachlorobenzene	10.886	284	312748	73.054	ng	96
69) Atrazine	10.992	200	243573	70.138	ng	97
70) Pentachlorophenol	11.092	266	153429	92.163	ng	96
71) Phenanthrene	11.304	178	1466025	73.058	ng	99
72) Anthracene	11.363	178	1490464	71.679	ng	99
73) Carbazole	11.522	167	1422525	73.353	ng	99
74) Di-n-butylphthalate	11.845	149	1669205	70.105	ng	99
75) Fluoranthene	12.504	202	1568364	70.421	ng	99
77) Benzidine	12.627	184	317610	55.833	ng	96
78) Pyrene	12.733	202	1601551	77.310	ng	99
80) Butylbenzylphthalate	13.357	149	729160	80.098	ng	95
81) Benzo(a)anthracene	13.933	228	1337988	78.138	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	425848	74.987	ng	99
83) Chrysene	13.974	228	1287071	77.603	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	959668	77.781	ng	# 98
85) Di-n-octyl phthalate	14.533	149	1520341	77.708	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1128438	81.346	ng	99
88) Benzo(b)fluoranthene	14.992	252	1104222	77.497	ng	99
89) Benzo(k)fluoranthene	15.021	252	1071955	77.491	ng	100
90) Benzo(a)pyrene	15.363	252	1059901	79.106	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	917950	80.720	ng	100
92) Benzo(g,h,i)perylene	17.380	276	976403	83.586	ng	98

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

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