

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
 Data File : BF132877.D
 Acq On : 13 Apr 2023 14:42
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 14 05:05:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 04:50:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	297396	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	1111600	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	527520	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	887809	20.000	ng	0.00
76) Chrysene-d12	13.922	240	570892	20.000	ng	0.00
86) Perylene-d12	15.345	264	451660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1565661	81.342	ng	0.00
7) Phenol-d6	6.399	99	1978414	81.515	ng	0.00
23) Nitrobenzene-d5	7.340	82	1740879	82.007	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	431704	83.518	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	2740083	77.654	ng	0.00
79) Terphenyl-d14	12.875	244	2860659	82.459	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	393399	41.336	ng	100
3) Pyridine	3.193	79	1064325	41.593	ng	100
4) n-Nitrosodimethylamine	3.152	42	511222	41.545	ng	100
6) Aniline	6.434	93	1312283	41.500	ng	100
8) 2-Chlorophenol	6.551	128	808224	41.699	ng	100
9) Benzaldehyde	6.316	77	553948	38.274	ng	100
10) Phenol	6.416	94	1118489	41.183	ng	100
11) bis(2-Chloroethyl)ether	6.510	93	825497	40.369	ng	100
12) 1,3-Dichlorobenzene	6.710	146	852715	40.379	ng	100
13) 1,4-Dichlorobenzene	6.787	146	860835	40.832	ng	100
14) 1,2-Dichlorobenzene	6.946	146	790292	40.380	ng	100
15) Benzyl Alcohol	6.916	79	689937	42.424	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1426931	41.381	ng	100
17) 2-Methylphenol	7.022	107	708198	40.854	ng	100
18) Hexachloroethane	7.287	117	306144	41.407	ng	100
19) n-Nitroso-di-n-propyla...	7.193	70	582837	40.214	ng	100
20) 3+4-Methylphenols	7.181	107	819485	40.058	ng	100
22) Acetophenone	7.187	105	1028047	39.939	ng	100
24) Nitrobenzene	7.357	77	889851	41.133	ng	100
25) Isophorone	7.593	82	1593477	41.207	ng	100
26) 2-Nitrophenol	7.669	139	361655	43.249	ng	100
27) 2,4-Dimethylphenol	7.710	122	672974	40.780	ng	100
28) bis(2-Chloroethoxy)met...	7.810	93	969546	41.265	ng	100
29) 2,4-Dichlorophenol	7.910	162	639013	41.334	ng	100
30) 1,2,4-Trichlorobenzene	7.998	180	674316	40.531	ng	100
31) Naphthalene	8.081	128	2215825	39.828	ng	100
32) Benzoic acid	7.828	122	343322m	42.189	ng	
33) 4-Chloroaniline	8.122	127	939060	41.572	ng	100
34) Hexachlorobutadiene	8.198	225	387928	40.760	ng	100
35) Caprolactam	8.504	113	187680	42.479	ng	100
36) 4-Chloro-3-methylphenol	8.598	107	648857	41.141	ng	100
37) 2-Methylnaphthalene	8.769	142	1485140	39.837	ng	100
38) 1-Methylnaphthalene	8.863	142	1417044	40.746	ng	100
40) 1,2,4,5-Tetrachloroben...	8.934	216	627907	40.138	ng	100
41) Hexachlorocyclopentadiene	8.922	237	344104	42.737	ng	100
43) 2,4,6-Trichlorophenol	9.040	196	402715	41.688	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	476460	42.294	ng	100
46) 1,1'-Biphenyl	9.234	154	1732979	40.219	ng	100
47) 2-Chloronaphthalene	9.257	162	1265837	40.118	ng	100
48) 2-Nitroaniline	9.345	65	401592	44.229	ng	100
49) Acenaphthylene	9.669	152	2037281	40.606	ng	100
50) Dimethylphthalate	9.534	163	1455821	40.853	ng	100
51) 2,6-Dinitrotoluene	9.592	165	331597	42.515	ng	100
52) Acenaphthene	9.839	154	1318363	40.462	ng	100
53) 3-Nitroaniline	9.757	138	386184	42.628	ng	100
54) 2,4-Dinitrophenol	9.857	184	138459	43.080	ng	100
55) Dibenzofuran	10.010	168	1806386	39.723	ng	100
56) 4-Nitrophenol	9.904	139	297951	43.334	ng	100
57) 2,4-Dinitrotoluene	9.992	165	415454	43.046	ng	100
58) Fluorene	10.357	166	1332315	40.023	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	358633	41.388	ng	100
60) Diethylphthalate	10.234	149	1352900	41.284	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	659820	40.435	ng	100
62) 4-Nitroaniline	10.369	138	368290	43.138	ng	100
63) Azobenzene	10.510	77	1508667	40.336	ng	100
65) 4,6-Dinitro-2-methylph...	10.398	198	187735	43.404	ng	100
66) n-Nitrosodiphenylamine	10.469	169	1209777	41.163	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	418042	41.545	ng	100
68) Hexachlorobenzene	10.904	284	429871	41.348	ng	100
69) Atrazine	10.992	200	337575	42.485	ng	100
70) Pentachlorophenol	11.092	266	293467	42.944	ng	100
71) Phenanthrene	11.310	178	1970458	40.514	ng	100
72) Anthracene	11.363	178	1996948	40.305	ng	100
73) Carbazole	11.516	167	1789871	41.095	ng	100
74) Di-n-butylphthalate	11.857	149	1892919	43.364	ng	100
75) Fluoranthene	12.498	202	1995040	41.363	ng	100
77) Benzidine	12.616	184	379983	44.642	ng	100
78) Pyrene	12.727	202	2039798	41.436	ng	100
80) Butylbenzylphthalate	13.351	149	410168	38.353	ng	100
81) Benzo(a)anthracene	13.910	228	1650029	41.579	ng	100
82) 3,3'-Dichlorobenzidine	13.874	252	380505	44.812	ng	100
83) Chrysene	13.951	228	1587604	41.060	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	573297	40.642	ng	100
85) Di-n-octyl phthalate	14.527	149	827232	41.125	ng	100
87) Indeno(1,2,3-cd)pyrene	16.745	276	1211975	45.353	ng	100
88) Benzo(b)fluoranthene	14.939	252	1215199	41.852	ng	100
89) Benzo(k)fluoranthene	14.969	252	1256264	42.334	ng	100
90) Benzo(a)pyrene	15.292	252	1121012	42.742	ng	100
91) Dibenzo(a,h)anthracene	16.763	278	1016967	45.612	ng	100
92) Benzo(g,h,i)perylene	17.168	276	1017248	45.678	ng	100

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

Manual Integrations

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