

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140316.D
 Acq On : 11 Nov 2024 14:40
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 11 23:46:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 11 23:41:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	189983	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	695152	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	378824	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	693253	20.000	ng	0.00
76) Chrysene-d12	14.057	240	385013	20.000	ng	0.00
86) Perylene-d12	15.557	264	351794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	859117	78.126	ng	0.00
7) Phenol-d6	6.510	99	1131198	77.416	ng	0.00
23) Nitrobenzene-d5	7.445	82	1048422	78.295	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	284632	77.339	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1790609	74.626	ng	0.00
79) Terphenyl-d14	12.986	244	1745639	77.745	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	198707	40.180	ng	100
3) Pyridine	3.416	79	489027	41.033	ng	100
4) n-Nitrosodimethylamine	3.375	42	256425	41.015	ng	100
6) Aniline	6.545	93	517776	40.164	ng	100
8) 2-Chlorophenol	6.669	128	452242	38.737	ng	100
9) Benzaldehyde	6.434	77	318846	36.517	ng	100
10) Phenol	6.522	94	605851	39.087	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	461322	38.838	ng	100
12) 1,3-Dichlorobenzene	6.822	146	514205	39.070	ng	100
13) 1,4-Dichlorobenzene	6.898	146	519275	39.135	ng	100
14) 1,2-Dichlorobenzene	7.051	146	474292	38.673	ng	100
15) Benzyl Alcohol	7.022	79	424350	39.273	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	637197	39.195	ng	100
17) 2-Methylphenol	7.128	107	377407	39.394	ng	100
18) Hexachloroethane	7.392	117	198277	39.873	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	340520	38.265	ng	100
20) 3+4-Methylphenols	7.281	107	461008	38.411	ng	100
22) Acetophenone	7.287	105	618119	38.283	ng	100
24) Nitrobenzene	7.463	77	545954	38.952	ng	100
25) Isophorone	7.698	82	908308	38.941	ng	100
26) 2-Nitrophenol	7.775	139	241142	40.219	ng	100
27) 2,4-Dimethylphenol	7.810	122	306064	39.055	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	552483	38.706	ng	100
29) 2,4-Dichlorophenol	8.016	162	378262	39.311	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	423887	39.068	ng	100
31) Naphthalene	8.181	128	1342052	38.516	ng	100
32) Benzoic acid	7.934	122	292357	41.449	ng	100
33) 4-Chloroaniline	8.234	127	468325	38.857	ng	100
34) Hexachlorobutadiene	8.298	225	270751	38.728	ng	100
35) Caprolactam	8.610	113	123653m	40.467	ng	
36) 4-Chloro-3-methylphenol	8.710	107	412892	38.923	ng	100
37) 2-Methylnaphthalene	8.869	142	846323	38.167	ng	100
38) 1-Methylnaphthalene	8.969	142	824486	38.081	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	406761	38.285	ng	100
41) Hexachlorocyclopentadiene	9.022	237	117248	44.331	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	276707	39.929	ng	100

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44) 2,4,5-Trichlorophenol	9.186	196	296249	39.463	ng	100
46) 1,1'-Biphenyl	9.333	154	1060304	38.170	ng	100
47) 2-Chloronaphthalene	9.363	162	819884	38.571	ng	100
48) 2-Nitroaniline	9.457	65	279948	39.749	ng	100
49) Acenaphthylene	9.781	152	1226636	38.400	ng	100
50) Dimethylphthalate	9.639	163	942358	38.306	ng	100
51) 2,6-Dinitrotoluene	9.698	165	218546	39.480	ng	100
52) Acenaphthene	9.951	154	836449	38.663	ng	100
53) 3-Nitroaniline	9.869	138	231988	39.607	ng	100
54) 2,4-Dinitrophenol	9.975	184	120922	43.175	ng	100
55) Dibenzofuran	10.122	168	1163189	38.507	ng	100
56) 4-Nitrophenol	10.028	139	174611	41.772	ng	100
57) 2,4-Dinitrotoluene	10.104	165	291967	40.052	ng	100
58) Fluorene	10.463	166	902646	38.039	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	234262	39.225	ng	100
60) Diethylphthalate	10.333	149	965459	38.532	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	447931	37.923	ng	100
62) 4-Nitroaniline	10.486	138	232295	39.626	ng	100
63) Azobenzene	10.616	77	960891	38.412	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	156973	41.238	ng	100
66) n-Nitrosodiphenylamine	10.575	169	775883	38.382	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	269921	38.859	ng	100
68) Hexachlorobenzene	11.016	284	302433	38.874	ng	100
69) Atrazine	11.098	200	205602	40.828	ng	100
70) Pentachlorophenol	11.210	266	184547	42.417	ng	100
71) Phenanthrene	11.427	178	1239667	38.052	ng	100
72) Anthracene	11.480	178	1227356	38.536	ng	100
73) Carbazole	11.633	167	1205862	38.663	ng	100
74) Di-n-butylphthalate	11.957	149	1438063	38.526	ng	100
75) Fluoranthene	12.616	202	1339636	37.558	ng	100
77) Benzidine	12.739	184	677582	50.223	ng	100
78) Pyrene	12.845	202	1346302	39.719	ng	100
80) Butylbenzylphthalate	13.457	149	515986	40.000	ng	100
81) Benzo(a)anthracene	14.039	228	975905	38.716	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	319229	39.546	ng	100
83) Chrysene	14.080	228	898703	38.954	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	669642	39.006	ng	100
85) Di-n-octyl phthalate	14.663	149	970469	38.429	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	904352	41.693	ng	100
88) Benzo(b)fluoranthene	15.121	252	879795	39.734	ng	100
89) Benzo(k)fluoranthene	15.151	252	712174	38.253	ng	100
90) Benzo(a)pyrene	15.498	252	705833	39.475	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	742114	41.635	ng	100
92) Benzo(g,h,i)perylene	17.527	276	768945	41.792	ng	100

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

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