

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136899.D
 Acq On : 03 Jan 2024 10:15
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

01/04/2024
 Supervised By :mohammad
 ahmed

Quant Time: Jan 03 11:11:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74516	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	293935	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	153231	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	298165	20.000	ng	0.00
76) Chrysene-d12	13.968	240	163608	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	138737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	393663	82.429	ng	0.00
7) Phenol-d6	6.434	99	505014	81.608	ng	0.00
23) Nitrobenzene-d5	7.351	82	463063	80.615	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	144237	79.926	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	915377	80.347	ng	-0.01
79) Terphenyl-d14	12.904	244	983591	84.014	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	79148	39.775	ng	99
3) Pyridine	3.299	79	195616	40.291	ng	96
4) n-Nitrosodimethylamine	3.275	42	98151	37.857	ng	94
6) Aniline	6.451	93	235985	38.142	ng	# 39
8) 2-Chlorophenol	6.575	128	214620	41.065	ng	94
9) Benzaldehyde	6.340	77	130361	37.036	ng	97
10) Phenol	6.445	94	267611	40.510	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	203307	40.469	ng	96
12) 1,3-Dichlorobenzene	6.722	146	234208	41.079	ng	99
13) 1,4-Dichlorobenzene	6.798	146	237378	40.748	ng	99
14) 1,2-Dichlorobenzene	6.951	146	221781	40.914	ng	99
15) Benzyl Alcohol	6.934	79	172433	41.303	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	320341	39.001	ng	81
17) 2-Methylphenol	7.045	107	170112	39.290	ng	98
18) Hexachloroethane	7.287	117	84503	39.942	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	147472	39.312	ng	93
20) 3+4-Methylphenols	7.198	107	218670	40.427	ng	91
22) Acetophenone	7.192	105	297958	40.442	ng	# 92
24) Nitrobenzene	7.369	77	231012	40.147	ng	96
25) Isophorone	7.604	82	414299	39.638	ng	100
26) 2-Nitrophenol	7.681	139	117144	42.551	ng	95
27) 2,4-Dimethylphenol	7.722	122	137774	41.106	ng	94
28) bis(2-Chloroethoxy)met...	7.816	93	254072	39.990	ng	98
29) 2,4-Dichlorophenol	7.928	162	179217	41.534	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	197062	40.989	ng	99
31) Naphthalene	8.081	128	661875	40.988	ng	100
32) Benzoic acid	7.863	122	128653m	39.671	ng	
33) 4-Chloroaniline	8.139	127	231084	38.759	ng	96
34) Hexachlorobutadiene	8.198	225	118818	40.677	ng	99
35) Caprolactam	8.522	113	66805	46.931	ng	100
36) 4-Chloro-3-methylphenol	8.628	107	195026	40.148	ng	97
37) 2-Methylnaphthalene	8.775	142	419977	40.412	ng	99
38) 1-Methylnaphthalene	8.875	142	413870	40.592	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	197165	41.548	ng	100
41) Hexachlorocyclopentadiene	8.922	237	75828	51.945	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	122074	40.111	ng	97

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44) 2,4,5-Trichlorophenol	9.104	196	136875	40.359	ng	97
46) 1,1'-Biphenyl	9.239	154	523594	40.720	ng	98
47) 2-Chloronaphthalene	9.269	162	400239	40.944	ng	97
48) 2-Nitroaniline	9.369	65	124025	40.517	ng	96
49) Acenaphthylene	9.680	152	604186	40.438	ng	99
50) Dimethylphthalate	9.545	163	451907	40.376	ng	99
51) 2,6-Dinitrotoluene	9.616	165	106823	42.054	ng	95
52) Acenaphthene	9.851	154	375820	40.578	ng	99
53) 3-Nitroaniline	9.786	138	105952	39.376	ng	90
54) 2,4-Dinitrophenol	9.892	184	59402	43.960	ng	# 83
55) Dibenzofuran	10.028	168	558655	39.791	ng	97
56) 4-Nitrophenol	9.957	139	82397	45.362	ng	99
57) 2,4-Dinitrotoluene	10.022	165	134310	40.730	ng	96
58) Fluorene	10.369	166	451247	40.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	98612	37.773	ng	99
60) Diethylphthalate	10.245	149	465194	40.059	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	213087	39.353	ng	97
62) 4-Nitroaniline	10.404	138	99735m	38.449	ng	
63) Azobenzene	10.522	77	428704	39.525	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	70313	41.148	ng	81
66) n-Nitrosodiphenylamine	10.486	169	391457	40.416	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	134845	40.722	ng	98
68) Hexachlorobenzene	10.916	284	153001	41.462	ng	96
69) Atrazine	11.016	200	107408	43.356	ng	100
70) Pentachlorophenol	11.116	266	56156	32.648	ng	98
71) Phenanthrene	11.333	178	630624	41.220	ng	99
72) Anthracene	11.386	178	630955	40.723	ng	99
73) Carbazole	11.551	167	594119	40.671	ng	99
74) Di-n-butylphthalate	11.874	149	742569	41.659	ng	100
75) Fluoranthene	12.533	202	670382	40.965	ng	99
77) Benzidine	12.657	184	191380	39.672	ng	98
78) Pyrene	12.763	202	670836	41.768	ng	99
80) Butylbenzylphthalate	13.380	149	257609	44.080	ng	96
81) Benzo(a)anthracene	13.957	228	467546	41.154	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	133543	41.391	ng	99
83) Chrysene	13.992	228	452063	40.691	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	337455	45.894	ng	97
85) Di-n-octyl phthalate	14.563	149	467796	41.129	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	413017	41.232	ng	100
88) Benzo(b)fluoranthene	15.010	252	384218	41.464	ng	98
89) Benzo(k)fluoranthene	15.039	252	341884	39.046	ng	98
90) Benzo(a)pyrene	15.386	252	317319	40.569	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	338762	41.222	ng	99
92) Benzo(g,h,i)perylene	17.415	276	351309	41.738	ng	99

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

