

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	111338	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	407852	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	228841	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	436884	20.000	ng	0.00
76) Chrysene-d12	14.051	240	251461	20.000	ng	0.00
86) Perylene-d12	15.557	264	241288	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	546695	83.779	ng	0.00
7) Phenol-d6	6.516	99	715376	82.925	ng	0.00
23) Nitrobenzene-d5	7.434	82	666058	83.533	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	211482	86.408	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1271155	82.763	ng	-0.01
79) Terphenyl-d14	12.980	244	1340625	83.016	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	113183	41.253	ng	97
3) Pyridine	3.404	79	261113	43.255	ng	99
4) n-Nitrosodimethylamine	3.369	42	140273	39.537	ng	91
6) Aniline	6.534	93	247715	40.796	ng	# 71
8) 2-Chlorophenol	6.657	128	296851	42.284	ng	99
9) Benzaldehyde	6.422	77	179459	39.296	ng	99
10) Phenol	6.528	94	366410	41.590	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	285071	42.284	ng	98
12) 1,3-Dichlorobenzene	6.804	146	331247	41.991	ng	99
13) 1,4-Dichlorobenzene	6.881	146	328765	41.161	ng	99
14) 1,2-Dichlorobenzene	7.040	146	313249	41.853	ng	99
15) Benzyl Alcohol	7.016	79	250728	39.191	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	319710	40.141	ng	71
17) 2-Methylphenol	7.134	107	232545	41.380	ng	95
18) Hexachloroethane	7.375	117	122849	41.181	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	202526	39.723	ng	96
20) 3+4-Methylphenols	7.287	107	299394	41.448	ng	# 85
22) Acetophenone	7.281	105	409520	41.186	ng	97
24) Nitrobenzene	7.457	77	340292	41.293	ng	97
25) Isophorone	7.692	82	555956	41.803	ng	99
26) 2-Nitrophenol	7.769	139	160033	43.820	ng	96
27) 2,4-Dimethylphenol	7.810	122	192473m	44.048	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	344075	42.468	ng	99
29) 2,4-Dichlorophenol	8.022	162	250923	43.337	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	278158	42.076	ng	100
31) Naphthalene	8.169	128	890300	42.379	ng	99
32) Benzoic acid	7.969	122	179000	47.213	ng	98
33) 4-Chloroaniline	8.228	127	258600	41.114	ng	99
34) Hexachlorobutadiene	8.281	225	182142	41.597	ng	98
35) Caprolactam	8.604	113	78101m	43.587	ng	
36) 4-Chloro-3-methylphenol	8.716	107	274503	42.344	ng	99
37) 2-Methylnaphthalene	8.857	142	565502	42.381	ng	98
38) 1-Methylnaphthalene	8.957	142	554906	42.427	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	283106	42.259	ng	99
41) Hexachlorocyclopentadiene	9.010	237	51965	38.655	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	179504	42.701	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	191015	41.868	ng	97
46) 1,1'-Biphenyl	9.322	154	712274	41.689	ng	99
47) 2-Chloronaphthalene	9.351	162	548428	42.363	ng	99
48) 2-Nitroaniline	9.457	65	173500	41.753	ng	95
49) Acenaphthylene	9.769	152	802935	41.049	ng	99
50) Dimethylphthalate	9.628	163	639675	42.443	ng	100
51) 2,6-Dinitrotoluene	9.698	165	145468	42.558	ng	94
52) Acenaphthene	9.939	154	516945	41.593	ng	99
53) 3-Nitroaniline	9.869	138	144912	43.347	ng	98
54) 2,4-Dinitrophenol	9.986	184	88646	53.002	ng	95
55) Dibenzofuran	10.110	168	783038	41.305	ng	99
56) 4-Nitrophenol	10.051	139	123343	54.099	ng	95
57) 2,4-Dinitrotoluene	10.104	165	197930	43.570	ng	96
58) Fluorene	10.457	166	644283	42.340	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	162969	46.479	ng	91
60) Diethylphthalate	10.322	149	651981	42.578	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	322425	43.176	ng	96
62) 4-Nitroaniline	10.492	138	154265	43.997	ng	94
63) Azobenzene	10.604	77	605475	41.754	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109749	49.160	ng	93
66) n-Nitrosodiphenylamine	10.569	169	534148	41.343	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	191210	42.498	ng	98
68) Hexachlorobenzene	11.004	284	221124	42.445	ng	97
69) Atrazine	11.092	200	124649	34.295	ng	99
70) Pentachlorophenol	11.210	266	87095	37.985	ng	99
71) Phenanthrene	11.422	178	871003	41.475	ng	99
72) Anthracene	11.475	178	858438	41.788	ng	100
73) Carbazole	11.633	167	829167	41.957	ng	100
74) Di-n-butylphthalate	11.951	149	980776	42.988	ng	99
75) Fluoranthene	12.616	202	963587	42.260	ng	100
77) Benzidine	12.739	184	220453	30.153	ng	99
78) Pyrene	12.845	202	974808	41.926	ng	99
80) Butylbenzylphthalate	13.451	149	341631	40.788	ng	98
81) Benzo(a)anthracene	14.039	228	722318	43.394	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	219006	43.822	ng	100
83) Chrysene	14.080	228	612266	40.226	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	415362	39.273	ng	99
85) Di-n-octyl phthalate	14.639	149	626554	43.349	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	748155	47.579	ng	97
88) Benzo(b)fluoranthene	15.115	252	637387	42.056	ng	99
89) Benzo(k)fluoranthene	15.145	252	529858	39.952	ng	99
90) Benzo(a)pyrene	15.492	252	516945	41.950	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	618905	48.060	ng	99
92) Benzo(g,h,i)perylene	17.539	276	641395	48.809	ng	97

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

