

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082624\
 Data File : BF139159.D
 Acq On : 26 Aug 2024 09:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/26/2024
 Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 26 10:54:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	95428	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	349140	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	213475	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	377412	20.000	ng	0.00
76) Chrysene-d12	14.063	240	203247	20.000	ng	0.00
86) Perylene-d12	15.539	264	185607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	486015	78.357	ng	0.00
7) Phenol-d6	6.522	99	651675	81.312	ng	0.00
23) Nitrobenzene-d5	7.463	82	625243	104.350	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	183582	94.994	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1092104	81.168	ng	0.00
79) Terphenyl-d14	13.010	244	1163501	94.987	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	106544	40.049	ng	97
3) Pyridine	3.446	79	278168	41.147	ng	99
4) n-Nitrosodimethylamine	3.405	42	151036	36.983	ng	96
6) Aniline	6.563	93	301810	41.714	ng	98
8) 2-Chlorophenol	6.681	128	243395	40.798	ng	100
9) Benzaldehyde	6.451	77	197281	41.971	ng	97
10) Phenol	6.540	94	343345	41.173	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	248834	37.105	ng	99
12) 1,3-Dichlorobenzene	6.840	146	285785	39.842	ng	99
13) 1,4-Dichlorobenzene	6.916	146	286838	39.996	ng	99
14) 1,2-Dichlorobenzene	7.069	146	267916	40.875	ng	100
15) Benzyl Alcohol	7.040	79	265787	41.960	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	360574	38.169	ng	99
17) 2-Methylphenol	7.146	107	210149	41.175	ng	98
18) Hexachloroethane	7.410	117	102933	40.930	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	207549	39.434	ng	99
20) 3+4-Methylphenols	7.298	107	272672	41.234	ng	97
22) Acetophenone	7.310	105	372227	41.755	ng	98
24) Nitrobenzene	7.481	77	325313	48.846	ng	99
25) Isophorone	7.716	82	543765	42.697	ng	99
26) 2-Nitrophenol	7.798	139	119310	50.980	ng	96
27) 2,4-Dimethylphenol	7.828	122	167717	41.530	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	307711	41.352	ng	99
29) 2,4-Dichlorophenol	8.034	162	213471	42.430	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	240843	40.882	ng	99
31) Naphthalene	8.204	128	744406	42.074	ng	100
32) Benzoic acid	7.940	122	164871m	48.846	ng	
33) 4-Chloroaniline	8.251	127	261445	43.147	ng	99
34) Hexachlorobutadiene	8.322	225	159876	41.544	ng	99
35) Caprolactam	8.622	113	73062	45.804	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	248676	44.640	ng	100
37) 2-Methylnaphthalene	8.892	142	480618	42.351	ng	100
38) 1-Methylnaphthalene	8.992	142	473621	43.242	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	248855	42.515	ng	99
41) Hexachlorocyclopentadiene	9.045	237	95827	42.662	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	167723	42.526	ng	100

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44) 2,4,5-Trichlorophenol	9.204	196	175149	43.264	ng	98
46) 1,1'-Biphenyl	9.357	154	622408	42.562	ng	99
47) 2-Chloronaphthalene	9.381	162	489392	41.187	ng	99
48) 2-Nitroaniline	9.475	65	167049	48.929	ng	99
49) Acenaphthylene	9.798	152	711185	41.783	ng	100
50) Dimethylphthalate	9.657	163	569216	43.191	ng	100
51) 2,6-Dinitrotoluene	9.722	165	129263	48.814	ng	93
52) Acenaphthene	9.969	154	476132	42.347	ng	100
53) 3-Nitroaniline	9.887	138	128071	47.891	ng	# 97
54) 2,4-Dinitrophenol	9.987	184	55332	57.682	ng	96
55) Dibenzofuran	10.145	168	685468	41.973	ng	99
56) 4-Nitrophenol	10.039	139	98337	49.363	ng	99
57) 2,4-Dinitrotoluene	10.122	165	170289	50.993	ng	94
58) Fluorene	10.486	166	544889	41.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	146521	45.076	ng	99
60) Diethylphthalate	10.357	149	560268	42.905	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	272843	41.858	ng	98
62) 4-Nitroaniline	10.504	138	126198	46.757	ng	95
63) Azobenzene	10.639	77	608354	41.922	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	80779	56.127	ng	92
66) n-Nitrosodiphenylamine	10.598	169	460508	41.237	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	172877	43.228	ng	99
68) Hexachlorobenzene	11.028	284	182262	42.481	ng	98
69) Atrazine	11.122	200	126290	37.029	ng	99
70) Pentachlorophenol	11.222	266	124776	45.528	ng	98
71) Phenanthrene	11.445	178	782606	40.797	ng	100
72) Anthracene	11.498	178	769419	41.013	ng	100
73) Carbazole	11.651	167	701713	40.056	ng	100
74) Di-n-butylphthalate	11.986	149	831186	40.919	ng	100
75) Fluoranthene	12.633	202	790128	38.590	ng	100
77) Benzidine	12.757	184	241141	57.437	ng	100
78) Pyrene	12.863	202	784363	46.244	ng	99
80) Butylbenzylphthalate	13.486	149	270857	46.159	ng	100
81) Benzo(a)anthracene	14.051	228	548885	41.082	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	167683	44.900	ng	98
83) Chrysene	14.086	228	506300	41.808	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	349700	44.953	ng	100
85) Di-n-octyl phthalate	14.657	149	486502	44.558	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	521360	47.995	ng	100
88) Benzo(b)fluoranthene	15.104	252	490558	40.541	ng	100
89) Benzo(k)fluoranthene	15.133	252	397229	39.415	ng	99
90) Benzo(a)pyrene	15.474	252	397980	41.624	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	432877	48.545	ng	100
92) Benzo(g,h,i)perylene	17.480	276	435900	43.090	ng	99

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

