

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137421.D
 Acq On : 28 Feb 2024 14:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 28 14:59:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	226106	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	871585	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	489027	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	822900	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	440072	20.000	ng	0.00
86) Perylene-d12	15.456	264	366383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1234626	84.255	ng	-0.01
7) Phenol-d6	6.428	99	1713060	79.472	ng	-0.01
23) Nitrobenzene-d5	7.351	82	1528642	87.561	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	335501	78.784	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2358952	75.099	ng	-0.01
79) Terphenyl-d14	12.915	244	2518941	80.060	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	333477	41.543	ng	99
3) Pyridine	3.293	79	857798	42.113	ng	99
4) n-Nitrosodimethylamine	3.269	42	325839	42.818	ng	95
6) Aniline	6.451	93	1086074	42.487	ng	95
8) 2-Chlorophenol	6.575	128	632061	40.216	ng	97
9) Benzaldehyde	6.339	77	457587	44.093	ng	98
10) Phenol	6.439	94	937121	39.724	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	712734	41.578	ng	97
12) 1,3-Dichlorobenzene	6.728	146	664011	39.342	ng	97
13) 1,4-Dichlorobenzene	6.804	146	687343	39.555	ng	97
14) 1,2-Dichlorobenzene	6.957	146	620919	38.630	ng	98
15) Benzyl Alcohol	6.933	79	572232	44.535	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1163073	40.820	ng	97
17) 2-Methylphenol	7.045	107	592074	39.815	ng	98
18) Hexachloroethane	7.292	117	231057	38.587	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	506131	38.104	ng	96
20) 3+4-Methylphenols	7.198	107	671685	39.629	ng	99
22) Acetophenone	7.198	105	852183	40.321	ng	99
24) Nitrobenzene	7.369	77	782431	44.107	ng	95
25) Isophorone	7.610	82	1429629	39.598	ng	99
26) 2-Nitrophenol	7.680	139	311882	46.131	ng	90
27) 2,4-Dimethylphenol	7.728	122	575111	43.314	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	859394	41.298	ng	99
29) 2,4-Dichlorophenol	7.928	162	533123	42.840	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	542201	40.592	ng	98
31) Naphthalene	8.086	128	1857955	39.722	ng	99
32) Benzoic acid	7.857	122	301261	38.661	ng	98
33) 4-Chloroaniline	8.139	127	775913	43.616	ng	98
34) Hexachlorobutadiene	8.204	225	318569	40.146	ng	98
35) Caprolactam	8.522	113	177478	46.117	ng	95
36) 4-Chloro-3-methylphenol	8.627	107	582087	41.258	ng	95
37) 2-Methylnaphthalene	8.780	142	1189153	39.455	ng	100
38) 1-Methylnaphthalene	8.880	142	1104866	38.773	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	536312	39.818	ng	98
41) Hexachlorocyclopentadiene	8.927	237	266639	43.663	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	361614	41.407	ng	98

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44) 2,4,5-Trichlorophenol	9.098	196	414455	41.366	ng	99
46) 1,1'-Biphenyl	9.245	154	1406348	39.485	ng	99
47) 2-Chloronaphthalene	9.269	162	1077378	40.054	ng	99
48) 2-Nitroaniline	9.369	65	382599	46.936	ng	99
49) Acenaphthylene	9.686	152	1700969	38.922	ng	100
50) Dimethylphthalate	9.551	163	1340278	39.663	ng	99
51) 2,6-Dinitrotoluene	9.616	165	286178	45.523	ng	92
52) Acenaphthene	9.857	154	1014002	38.870	ng	99
53) 3-Nitroaniline	9.786	138	316291	44.227	ng	99
54) 2,4-Dinitrophenol	9.886	184	113745	40.864	ng	91
55) Dibenzofuran	10.033	168	1549812	38.438	ng	99
56) 4-Nitrophenol	9.951	139	207188	41.395	ng	97
57) 2,4-Dinitrotoluene	10.016	165	358721	45.197	ng	96
58) Fluorene	10.374	166	1160355	37.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	325690m	39.255	ng	
60) Diethylphthalate	10.257	149	1261559	39.987	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	563948	37.233	ng	99
62) 4-Nitroaniline	10.404	138	295814	44.845	ng	97
63) Azobenzene	10.527	77	1480896	39.233	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	184781	46.117	ng	98
66) n-Nitrosodiphenylamine	10.492	169	1066187	39.894	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	362476	40.974	ng	96
68) Hexachlorobenzene	10.921	284	359574	39.292	ng	98
69) Atrazine	11.027	200	330108	45.770	ng	98
70) Pentachlorophenol	11.121	266	238659	41.161	ng	97
71) Phenanthrene	11.345	178	1763733	38.848	ng	99
72) Anthracene	11.392	178	1859644	39.746	ng	100
73) Carbazole	11.551	167	1605621	40.165	ng	99
74) Di-n-butylphthalate	11.892	149	1836802	45.921	ng	100
75) Fluoranthene	12.533	202	1746855	39.418	ng	98
77) Benzidine	12.668	184	515267	65.601	ng	97
78) Pyrene	12.768	202	1774708	42.649	ng	99
80) Butylbenzylphthalate	13.398	149	408233	60.677	ng	92
81) Benzo(a)anthracene	13.962	228	1237043	40.509	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	336039	47.275	ng	99
83) Chrysene	14.004	228	1244614	39.898	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	472344	56.430	ng	98
85) Di-n-octyl phthalate	14.586	149	785661	53.810	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.968	276	1066518	42.272	ng	100
88) Benzo(b)fluoranthene	15.021	252	911988	40.577	ng	99
89) Benzo(k)fluoranthene	15.056	252	909308	38.600	ng	98
90) Benzo(a)pyrene	15.398	252	879585	41.258	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	868874	41.999	ng	98
92) Benzo(g,h,i)perylene	17.421	276	900569	42.170	ng	98

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

