

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050624\
 Data File : BF137837.D
 Acq On : 06 May 2024 12:18
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 06 13:01:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	169642	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	654859	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	368003	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	633380	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	340200	20.000	ng	-0.01
86) Perylene-d12	15.804	264	332182	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1044422	103.080	ng	0.00
7) Phenol-d6	6.675	99	1339166	104.202	ng	0.00
23) Nitrobenzene-d5	7.616	82	903515	80.159	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	421626	112.212	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1813995	79.971	ng	-0.01
79) Terphenyl-d14	13.174	244	1886195	92.916	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.957	88	196641	43.098	ng	97
3) Pyridine	3.722	79	391298	35.435	ng	98
4) n-Nitrosodimethylamine	3.699	42	193822	38.978	ng	95
6) Aniline	6.716	93	455561m	35.764	ng	
8) 2-Chlorophenol	6.840	128	424075	38.406	ng	98
9) Benzaldehyde	6.604	77	255189	36.872	ng	99
10) Phenol	6.687	94	490014	37.210	ng	99
11) bis(2-Chloroethyl)ether	6.787	93	376952	36.557	ng	99
12) 1,3-Dichlorobenzene	6.992	146	494044	39.677	ng	99
13) 1,4-Dichlorobenzene	7.069	146	496995	39.778	ng	98
14) 1,2-Dichlorobenzene	7.222	146	461520	39.219	ng	97
15) Benzyl Alcohol	7.187	79	361328	40.655	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	481861	33.247	ng	97
17) 2-Methylphenol	7.287	107	348795	39.147	ng	99
18) Hexachloroethane	7.563	117	173111	40.985	ng	95
19) n-Nitroso-di-n-propyla...	7.463	70	278407	36.249	ng	97
20) 3+4-Methylphenols	7.445	107	447863	38.207	ng	90
22) Acetophenone	7.457	105	575942	39.105	ng	99
24) Nitrobenzene	7.634	77	458385	39.458	ng	97
25) Isophorone	7.869	82	790095	38.877	ng	99
26) 2-Nitrophenol	7.951	139	228620	43.458	ng	98
27) 2,4-Dimethylphenol	7.975	122	289901	38.278	ng	95
28) bis(2-Chloroethoxy)met...	8.075	93	462586	37.594	ng	100
29) 2,4-Dichlorophenol	8.186	162	371384	40.570	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	402501	40.333	ng	99
31) Naphthalene	8.357	128	1298119	39.889	ng	100
32) Benzoic acid	8.092	122	271982	41.627	ng	95
33) 4-Chloroaniline	8.404	127	450610	37.339	ng	100
34) Hexachlorobutadiene	8.469	225	261909	42.748	ng	98
35) Caprolactam	8.775	113	112144	38.664	ng	98
36) 4-Chloro-3-methylphenol	8.875	107	387721	40.615	ng	97
37) 2-Methylnaphthalene	9.051	142	831530	39.473	ng	100
38) 1-Methylnaphthalene	9.151	142	803245	38.757	ng	98
40) 1,2,4,5-Tetrachloroben...	9.210	216	387476	39.754	ng	99
41) Hexachlorocyclopentadiene	9.198	237	166115	41.960	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	265137	39.962	ng	99

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44) 2,4,5-Trichlorophenol	9.363	196	287506	39.245	ng	99
46) 1,1'-Biphenyl	9.516	154	997777	39.507	ng	98
47) 2-Chloronaphthalene	9.539	162	811631	39.806	ng	97
48) 2-Nitroaniline	9.633	65	223319	40.384	ng	99
49) Acenaphthylene	9.963	152	1169255	39.642	ng	99
50) Dimethylphthalate	9.810	163	927257	39.914	ng	99
51) 2,6-Dinitrotoluene	9.875	165	217817	41.027	ng	99
52) Acenaphthene	10.133	154	771186	39.445	ng	98
53) 3-Nitroaniline	10.045	138	218397	39.282	ng	92
54) 2,4-Dinitrophenol	10.145	184	108835	41.720	ng #	74
55) Dibenzofuran	10.304	168	1116227	39.233	ng	98
56) 4-Nitrophenol	10.192	139	174360	37.839	ng	95
57) 2,4-Dinitrotoluene	10.280	165	287796	41.493	ng	95
58) Fluorene	10.651	166	882607	38.979	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	229329	38.558	ng	96
60) Diethylphthalate	10.510	149	889780	40.327	ng	98
61) 4-Chlorophenyl-phenyle...	10.633	204	439894	39.428	ng	93
62) 4-Nitroaniline	10.663	138	217302	38.533	ng	90
63) Azobenzene	10.798	77	809121	37.942	ng	97
65) 4,6-Dinitro-2-methylph...	10.686	198	152104	41.840	ng	97
66) n-Nitrosodiphenylamine	10.757	169	750205	39.569	ng	100
67) 4-Bromophenyl-phenylether	11.127	248	270563	39.915	ng	93
68) Hexachlorobenzene	11.198	284	297034	40.098	ng #	93
69) Atrazine	11.275	200	206233	35.675	ng	96
70) Pentachlorophenol	11.386	266	196403	38.619	ng	99
71) Phenanthrene	11.616	178	1199640	38.859	ng	100
72) Anthracene	11.669	178	1204767	39.221	ng	100
73) Carbazole	11.822	167	1121384	37.880	ng	100
74) Di-n-butylphthalate	12.139	149	1286579	39.841	ng	99
75) Fluoranthene	12.810	202	1224563	36.287	ng	98
77) Benzidine	12.921	184	151378	19.240	ng	99
78) Pyrene	13.039	202	1240315	45.982	ng	99
80) Butylbenzylphthalate	13.645	149	387866	45.320	ng	96
81) Benzo(a)anthracene	14.227	228	849402	39.037	ng	99
82) 3,3'-Dichlorobenzidine	14.186	252	248125	38.091	ng	98
83) Chrysene	14.268	228	822877	40.390	ng	99
84) Bis(2-ethylhexyl)phtha...	14.198	149	480472	44.546	ng	99
85) Di-n-octyl phthalate	14.827	149	709235	48.860	ng	99
87) Indeno(1,2,3-cd)pyrene	17.445	276	921997	48.820	ng	98
88) Benzo(b)fluoranthene	15.333	252	755030	36.532	ng	100
89) Benzo(k)fluoranthene	15.368	252	711689	35.627	ng	98
90) Benzo(a)pyrene	15.739	252	657574	38.999	ng	100
91) Dibenzo(a,h)anthracene	17.462	278	759342	49.397	ng	99
92) Benzo(g,h,i)perylene	17.945	276	787339	48.858	ng	98

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

