

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012724\
 Data File : BF137179.D
 Acq On : 26 Jan 2024 21:43
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
 Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 02:00:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 01:49:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	66820	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	259944	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	151342	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	299995	20.000	ng	0.00
76) Chrysene-d12	13.986	240	153994	20.000	ng	0.00
86) Perylene-d12	15.474	264	154119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	510690	130.016	ng	0.00
7) Phenol-d6	6.445	99	689679	123.096	ng	0.01
23) Nitrobenzene-d5	7.375	82	709241	123.775	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	211394	125.021	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1222610	113.421	ng	0.00
79) Terphenyl-d14	12.933	244	1410356	128.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	122943	58.450	ng	100
3) Pyridine	3.328	79	248729	59.992	ng	99
4) n-Nitrosodimethylamine	3.304	42	136583	59.366	ng	94
6) Aniline	6.475	93	396800	68.732	ng	97
8) 2-Chlorophenol	6.587	128	273546	61.721	ng	97
9) Benzaldehyde	6.357	77	121376	55.821	ng	99
10) Phenol	6.457	94	389547	63.222	ng	94
11) bis(2-Chloroethyl)ether	6.545	93	307001	67.544	ng	100
12) 1,3-Dichlorobenzene	6.745	146	310319	59.006	ng	97
13) 1,4-Dichlorobenzene	6.822	146	322806	59.566	ng	99
14) 1,2-Dichlorobenzene	6.975	146	297323	58.508	ng	98
15) Benzyl Alcohol	6.951	79	266583	63.951	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	445902	55.689	ng	97
17) 2-Methylphenol	7.057	107	223606	59.091	ng	97
18) Hexachloroethane	7.316	117	113980	58.869	ng	92
19) n-Nitroso-di-n-propyla...	7.228	70	234296	58.982	ng	95
20) 3+4-Methylphenols	7.216	107	286409	61.857	ng	97
22) Acetophenone	7.222	105	421734	61.887	ng	99
24) Nitrobenzene	7.392	77	339569	62.069	ng	98
25) Isophorone	7.628	82	637611	59.523	ng	99
26) 2-Nitrophenol	7.704	139	129504	61.089	ng	95
27) 2,4-Dimethylphenol	7.739	122	183631	61.637	ng	95
28) bis(2-Chloroethoxy)met...	7.839	93	350222	62.063	ng	99
29) 2,4-Dichlorophenol	7.939	162	236706	66.005	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	276193	59.094	ng	98
31) Naphthalene	8.104	128	810224	58.874	ng	100
32) Benzoic acid	7.886	122	117580	60.843	ng	97
33) 4-Chloroaniline	8.157	127	297643	64.573	ng	98
34) Hexachlorobutadiene	8.222	225	179391	58.140	ng	98
35) Caprolactam	8.545	113	75009m	63.337	ng	
36) 4-Chloro-3-methylphenol	8.639	107	282115	64.233	ng	96
37) 2-Methylnaphthalene	8.798	142	549555	58.743	ng	98
38) 1-Methylnaphthalene	8.898	142	508598	57.912	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	296043	58.858	ng	99
41) Hexachlorocyclopentadiene	8.951	237	158024	66.542	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	181213	63.920	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	192206	65.556	ng	# 92
46) 1,1'-Biphenyl	9.263	154	698100	58.636	ng	98
47) 2-Chloronaphthalene	9.286	162	524522	59.625	ng	99
48) 2-Nitroaniline	9.386	65	190974	67.767	ng	94
49) Acenaphthylene	9.704	152	826950	58.137	ng	100
50) Dimethylphthalate	9.575	163	618882	58.831	ng	100
51) 2,6-Dinitrotoluene	9.633	165	139815	64.462	ng	98
52) Acenaphthene	9.875	154	488000	57.681	ng	99
53) 3-Nitroaniline	9.804	138	133355	61.658	ng	99
54) 2,4-Dinitrophenol	9.904	184	51889	62.142	ng	90
55) Dibenzofuran	10.051	168	773566	58.246	ng	97
56) 4-Nitrophenol	9.963	139	89452	61.444	ng	# 84
57) 2,4-Dinitrotoluene	10.033	165	184832	66.779	ng	97
58) Fluorene	10.392	166	593114	56.815	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	180185m	62.264	ng	
60) Diethylphthalate	10.275	149	615212	58.932	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	295303	56.680	ng	96
62) 4-Nitroaniline	10.422	138	130272	66.914	ng	93
63) Azobenzene	10.551	77	669374	58.871	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	90088	60.288	ng	81
66) n-Nitrosodiphenylamine	10.510	169	534244	60.016	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	201009	60.882	ng	94
68) Hexachlorobenzene	10.939	284	212864	58.319	ng	95
69) Atrazine	11.045	200	184079	59.893	ng	96
70) Pentachlorophenol	11.133	266	136656	68.882	ng	98
71) Phenanthrene	11.357	178	903474	58.211	ng	99
72) Anthracene	11.410	178	941639	58.787	ng	99
73) Carbazole	11.569	167	787453	58.050	ng	99
74) Di-n-butylphthalate	11.910	149	912552	58.902	ng	100
75) Fluoranthene	12.551	202	919223	55.173	ng	97
77) Benzidine	12.680	184	181182	65.889	ng	96
78) Pyrene	12.780	202	934261	65.902	ng	99
80) Butylbenzylphthalate	13.416	149	271142	61.909	ng	98
81) Benzo(a)anthracene	13.974	228	680813	61.845	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	198092	64.383	ng	# 98
83) Chrysene	14.015	228	658742	60.051	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	338791	67.440	ng	100
85) Di-n-octyl phthalate	14.604	149	511387	68.015	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	699451	69.251	ng	99
88) Benzo(b)fluoranthene	15.039	252	600934m	60.863	ng	
89) Benzo(k)fluoranthene	15.074	252	555081	55.691	ng	100
90) Benzo(a)pyrene	15.410	252	542961	60.964	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	559982	69.350	ng	97
92) Benzo(g,h,i)perylene	17.451	276	549776	69.816	ng	99

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

