

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129924.D
 Acq On : 19 Aug 2022 23:09
 Operator : CG\JU
 Sample : N4093-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-4-BASEMENT-DRUMMSD

Quant Time: Aug 20 07:55:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	140005	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	565679	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	303095	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	527933	20.000	ng	0.00
76) Chrysene-d12	13.969	240	369854	20.000	ng	0.00
86) Perylene-d12	15.421	264	275999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1110746	131.357	ng	0.02
7) Phenol-d6	6.451	99	1304522	123.194	ng	0.00
23) Nitrobenzene-d5	7.363	82	940824	89.033	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	435685	143.223	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1737515	87.067	ng	0.00
79) Terphenyl-d14	12.904	244	2059229	92.643	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	163476	46.860	ng	# 84
3) Pyridine	3.452	79	397888	43.583	ng	98
4) n-Nitrosodimethylamine	3.375	42	234045	55.627	ng	96
6) Aniline	6.457	93	240431	19.921	ng	# 62
8) 2-Chlorophenol	6.587	128	505939	53.746	ng	98
9) Benzaldehyde	6.346	77	130461	19.594	ng	99
10) Phenol	6.463	94	542368	46.693	ng	# 79
11) bis(2-Chloroethyl)ether	6.528	93	498962	56.568	ng	99
12) 1,3-Dichlorobenzene	6.728	146	461878	45.449	ng	98
13) 1,4-Dichlorobenzene	6.804	146	470064	45.269	ng	99
14) 1,2-Dichlorobenzene	6.957	146	451434	46.810	ng	98
15) Benzyl Alcohol	6.945	79	441538	55.233	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	616469	52.158	ng	77
17) 2-Methylphenol	7.069	107	392926	51.985	ng	98
18) Hexachloroethane	7.293	117	177810	45.600	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	369457	55.198	ng	97
20) 3+4-Methylphenols	7.222	107	521567	51.406	ng	98
22) Acetophenone	7.204	105	761610	55.249	ng	# 96
24) Nitrobenzene	7.381	77	539011	50.585	ng	100
25) Isophorone	7.616	82	987423	54.291	ng	99
26) 2-Nitrophenol	7.692	139	277780	52.999	ng	99
27) 2,4-Dimethylphenol	7.740	122	406889	54.132	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	613329	57.756	ng	98
29) 2,4-Dichlorophenol	7.945	162	430365	52.362	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	391586	45.162	ng	98
31) Naphthalene	8.092	128	1411936	47.737	ng	99
32) Benzoic acid	7.910	122	257035	67.222	ng	92
33) 4-Chloroaniline	8.151	127	228451	19.641	ng	98
34) Hexachlorobutadiene	8.198	225	236175	44.733	ng	98
35) Caprolactam	8.551	113	123759m	48.421	ng	
36) 4-Chloro-3-methylphenol	8.657	107	470836	53.101	ng	97
37) 2-Methylnaphthalene	8.781	142	953619	49.124	ng	100
38) 1-Methylnaphthalene	8.881	142	900688	47.741	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	427961	50.766	ng	99
41) Hexachlorocyclopentadiene	8.928	237	276634	92.424	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	282197	51.522	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129924.D
 Acq On : 19 Aug 2022 23:09
 Operator : CG\JU
 Sample : N4093-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-4-BASEMENT-DRUMMSD

Quant Time: Aug 20 07:55:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	293772	49.853	ng	99
46) 1,1'-Biphenyl	9.245	154	1180977	51.289	ng	99
47) 2-Chloronaphthalene	9.275	162	911229	50.016	ng	98
48) 2-Nitroaniline	9.386	65	297463	51.665	ng	96
49) Acenaphthylene	9.692	152	1376300	49.817	ng	100
50) Dimethylphthalate	9.551	163	1122622	51.668	ng	100
51) 2,6-Dinitrotoluene	9.628	165	244302	51.833	ng	95
52) Acenaphthene	9.863	154	838246	50.010	ng	99
53) 3-Nitroaniline	9.798	138	147176	28.236	ng	96
54) 2,4-Dinitrophenol	9.922	184	266182	121.839	ng	93
55) Dibenzofuran	10.034	168	1254518	49.819	ng	96
56) 4-Nitrophenol	9.992	139	219256	94.553	ng	96
57) 2,4-Dinitrotoluene	10.039	165	321129	52.485	ng	93
58) Fluorene	10.381	166	1045722	49.735	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	241899	55.937	ng	# 84
60) Diethylphthalate	10.251	149	1092348	50.420	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	481354	51.015	ng	97
62) 4-Nitroaniline	10.422	138	245822m	46.748	ng	
63) Azobenzene	10.528	77	1028208	49.652	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	171763	55.420	ng	98
66) n-Nitrosodiphenylamine	10.492	169	883823	49.600	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	312934	50.608	ng	96
68) Hexachlorobenzene	10.928	284	344376	51.414	ng	95
69) Atrazine	11.016	200	52057	9.518	ng	99
70) Pentachlorophenol	11.133	266	257768	125.250	ng	98
71) Phenanthrene	11.345	178	1475226	50.033	ng	100
72) Anthracene	11.398	178	1486818	50.708	ng	100
73) Carbazole	11.557	167	1378911	51.806	ng	99
74) Di-n-butylphthalate	11.869	149	1750328	51.095	ng	100
75) Fluoranthene	12.533	202	1564902	51.867	ng	98
78) Pyrene	12.763	202	1600630	49.802	ng	99
80) Butylbenzylphthalate	13.369	149	731557	53.791	ng	93
81) Benzo(a)anthracene	13.957	228	1269863	49.911	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	161923	20.549	ng	96
83) Chrysene	13.992	228	1166116	48.963	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	979087	60.681	ng	98
85) Di-n-octyl phthalate	14.533	149	1353774	60.780	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	983894	51.927	ng	100
88) Benzo(b)fluoranthene	14.998	252	989895	52.378	ng	99
89) Benzo(k)fluoranthene	15.027	252	998700	55.102	ng	99
90) Benzo(a)pyrene	15.363	252	815500	54.794	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	875675	56.011	ng	99
92) Benzo(g,h,i)perylene	17.327	276	859961	55.135	ng	96

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

